

Converting Colors

XYZ(69.1593, 76.3577, 88.9353)

Have a look what the booklet for
XYZ(69.1593, 76.3577, 88.9353)
contains.

XYZ(69.1593, 76.3577, 88.9353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.1593, 76.3577,
88.9353)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE7EA
RGB	207, 231, 234
RGB Percent	81%, 91%, 92%
CMY	0.1882, 0.0941, 0.0823
CMYK	0.12, 0.01, 0.00, 0.08
HSL	187°, 39%, 86%
HSV	187°, 12%, 92%
XYZ	69.1593, 76.3577, 88.9353
YIQ	224.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

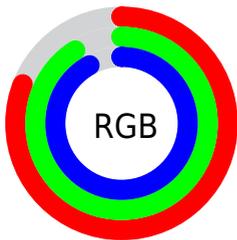
Format	Color
R _Y B	207, 220, 234
Decimal	13625322
CIE Lab	90.03, -7.29, -4.15
CIE LCh	90, 8.386, 209.675
Yxy	76.3577, 0.2950, 0.3257
Android (android.graphics.Color)	4291815402 (0xFFCFE7EA)
YUV	224.1660, 4.8482, -15.0546
Hunter-Lab	87.3829, -11.6460, 0.8247

Details

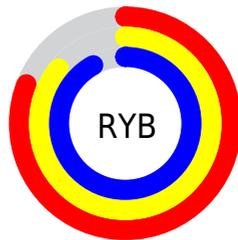
The XYZ color **69.1593, 76.3577, 88.9353** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.2412, 68.0903, 68.5788**, and the grayscale version is **70.9462, 74.6410, 81.2840**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3147, 40.5497, 48.0324** is the 20% darker color. If you saturate the color by 10%, you get **62.3792, 71.7933, 88.4128**, and if you desaturate by 10%, it is **76.9235, 81.4495, 89.5101**.

Distribution



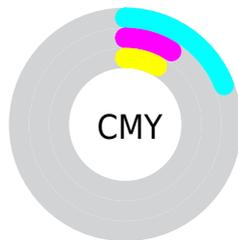
- Red (81%)
- Green (91%)
- Blue (92%)



- Red (81%)
- Yellow (86%)
- Blue (92%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1593, 76.3577, 88.9353 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.1593, 76.3577, 88.9353 by changing the saturation by 10% instead.

69.1593, 76.3577,
88.9353

69.1593, 76.3577,
88.9353

446.9052,
482.5713, 545.0418

51.1186, 56.7259,
66.5292

117.0419,
128.2324, 147.7812

36.5244, 40.7852,
48.2429

147.6145,
161.2441, 185.0580

25.0115, 28.1513,
33.6579

183.0950,
199.4845, 228.1288

16.2144, 18.4397,
22.3557

223.8490,
243.3380, 277.4122

9.7678, 11.2661,
13.9177

270.2416,
293.1891, 333.3266

5.3063, 6.2461,
7.9253

322.6383,

2.4647, 2.9953,

349.4220, 396.2907

3.9601

381.4043,
412.4213, 466.7229

■ 0.8775, 1.1293,
1.6035

■ 0.0000, 0.0028,
0.2933

■ 69.1593, 76.3577,
88.9353

■ 69.1593, 76.3577,
88.9353

■ 62.3792, 71.7933,
88.4128

■ 76.9235, 81.4495,
89.5101

■ 56.5340, 67.7248,
87.9356

■ 85.7051, 87.0798,
90.1340

■ 51.5803, 64.1318,
87.5032

■ 86.8984, 88.8144,
90.4059

■ 47.4686, 60.9886,
87.1132

■ 87.6634, 90.3444,
90.6609

 44.1445, 58.2671,
86.7631

 88.4394, 91.8963,
90.9196

 41.5471, 55.9360,
86.4500

 89.2263, 93.4702,
91.1819

 39.6065, 53.9591,
86.1707

 90.0244, 95.0663,
91.4479

 38.2389, 52.2931,
85.9212

 90.8335, 96.6846,
91.7176

 37.4148, 51.0671,
85.7280

 91.6538, 98.3251,
91.9910

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.6532, 76.3577, 83.0757



69.1593, 76.3577, 88.9353



70.5770, 76.3577, 93.4140

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1593, 76.3577, 88.9353



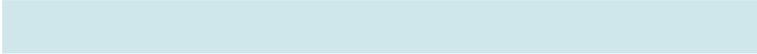
76.0794, 76.3577, 89.0529



72.5984, 76.3577, 72.2149

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.1593, 76.3577, 88.9353



68.2412, 68.0903, 68.5788

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6118, 76.3577, 73.6494



69.1593, 76.3577, 88.9353



76.6449, 76.3577, 83.2054

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1593, 76.3577, 88.9353



74.5718, 76.3577, 93.4841



76.1028, 76.3577, 77.6032



70.6155, 76.3577, 73.5896

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1593, 76.3577, 88.9353



71.8619, 76.3577, 94.9138



76.1028, 76.3577, 77.6032



73.2942, 76.3577, 72.3835

Sweetspot

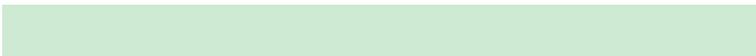
The Sweet Spot groups the original color and five complimentary colors.



69.1615, 76.3609, 88.9370



92.0211, 98.0373, 108.6808



66.7517, 76.7505, 72.0744



19.5271, 20.8739, 23.2498



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.1615, 76.3609, 88.9370



81.8627, 91.3446, 107.9244



65.6043, 69.2464, 87.7513



15.3666, 16.8197, 19.3589



21.0827, 28.8125, 48.1932



1.6963, 2.3440, 3.7979

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70.6700, 67.8891, 84.9842



84.0684, 79.0471, 102.1247



71.6365, 74.8810, 69.7106



15.6386, 15.2833, 18.6481



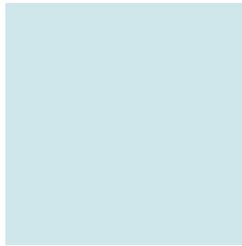
25.4969, 12.4014, 34.7476



2.0227, 0.9820, 2.8369

Previews

White Background



This preview shows how the XYZ color 69.1593, 76.3577, 88.9353 looks on a white background.

Color Contrast Check

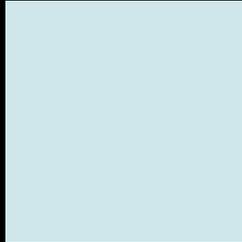
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.1593, 76.3577, 88.9353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

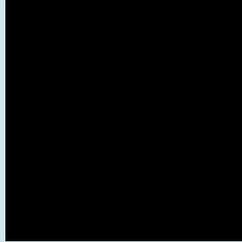
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

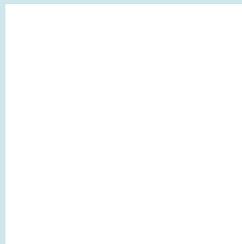
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1593, 76.3577, 88.9353

Background



This preview shows how black text looks on a background with the XYZ color 69.1593, 76.3577, 88.9353.

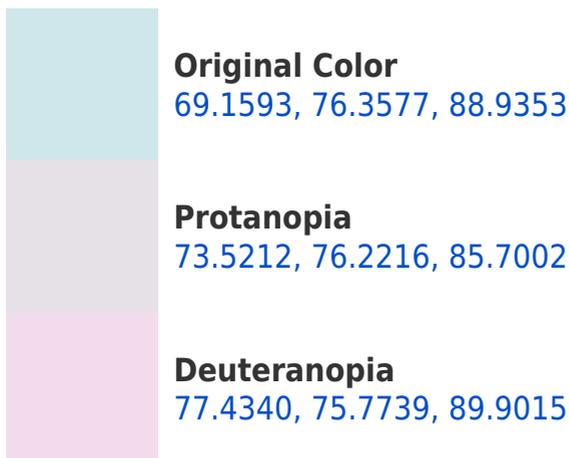


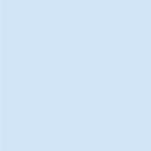
This preview shows how white text looks on a background with the XYZ color 69.1593, 76.3577,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

71.1023, 76.3093, 98.9774

Trichromacy



Original Color

69.1593, 76.3577, 88.9353

Protanomaly

71.7117, 76.0798, 86.5066

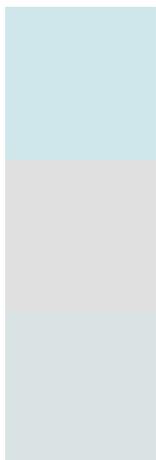
Deuteranomaly

74.0162, 75.5965, 89.2878

Tritanomaly

70.3363, 76.4143, 95.0467

Monochromacy



Original Color

69.1593, 76.3577, 88.9353

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3861, 75.4450, 84.2514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1593, 76.3577, 88.9353 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 231, 234)` looks like.

```
.text, #text, p{  
    color:rgb(207, 231, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 231, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 231, 234) }
```

Border

The CSS property to change the border of an element to XYZ 69.1593, 76.3577, 88.9353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 231, 234) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(207, 231, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(207, 231, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 231, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 231, 234);  
box-shadow:4px 4px 4px 4px rgb(207, 231,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1593, 76.3577, 88.9353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 231, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
231, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor