

Converting Colors

XYZ(69.6385, 76.8665, 91.4021)

Have a look what the booklet for
XYZ(69.6385, 76.8665, 91.4021)
contains.

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Color

**XYZ(69.5963, 76.9495,
91.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE8ED
RGB	206, 232, 237
RGB Percent	81%, 91%, 93%
CMY	0.1921, 0.0902, 0.0706
CMYK	0.13, 0.02, 0.00, 0.07
HSL	190°, 46%, 87%
HSV	190°, 13%, 93%
XYZ	69.5963, 76.9495, 91.3054
YIQ	224.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

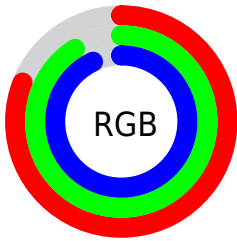
Format	Color
R _Y B	206, 220, 237
Decimal	13560045
CIE Lab	90.30, -7.52, -5.33
CIE LCh	90, 9.215, 215.318
Yxy	76.9495, 0.2926, 0.3235
Android (android.graphics.Color)	4291750125 (0xFFCEE8ED)
YUV	224.7960, 6.0166, -16.4841
Hunter-Lab	87.7209, -11.8925, -0.3082

Details

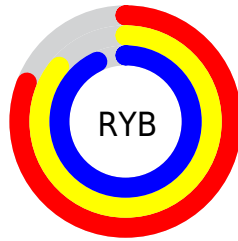
The XYZ color **69.5963, 76.9495, 91.3054** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3604, 69.0490, 68.0660**, and the grayscale version is **71.3904, 75.1082, 81.7929**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6283, 40.9662, 49.6928** is the 20% darker color. If you saturate the color by 10%, you get **62.4434, 71.6851, 90.6675**, and if you desaturate by 10%, it is **77.7691, 82.7785, 92.0010**.

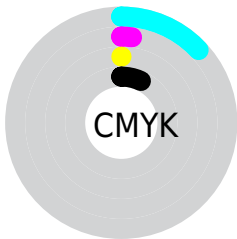
Distribution



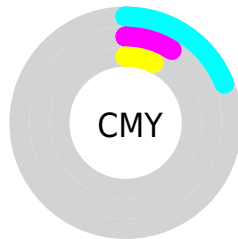
- Red (81%)
- Green (91%)
- Blue (93%)



- Red (81%)
- Yellow (86%)
- Blue (93%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5963, 76.9495, 91.3054 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 69.5963, 76.9495, 91.3054 by changing the saturation by 10% instead.

69.5963, 76.9495,
91.3054

69.5963, 76.9495,
91.3054

448.4198,
484.5918, 552.9475

51.4759, 57.2114,
68.4840

117.6623,
129.0682, 151.1017

36.8101, 41.1750,
49.8225

148.3386,
162.2176, 188.9136

25.2335, 28.4559,
34.9022

183.9309,
200.6063, 232.5596

16.3807, 18.6696,
23.3046

224.8045,
244.6185, 282.4580

9.8865, 11.4318,
14.6112

271.3249,
294.6388, 339.0275

5.3855, 6.3580,
8.4034

323.8573,

2.5122, 3.0640,

351.0516, 402.6865

4.2627

382.7672,
414.2411, 473.8537

■ 0.9014, 1.1652,
1.7705

■ 0.0000, 0.0330,
0.4084

■ 69.5963, 76.9495,
91.3054

■ 69.5963, 76.9495,
91.3054

■ 62.4434, 71.6851,
90.6675

■ 77.7691, 82.7785,
92.0010

■ 56.2594, 66.9525,
90.0799

■ 86.9967, 89.1842,
92.7511

■ 50.9986, 62.7302,
89.5422

■ 88.7163, 91.7545,
93.1565

■ 46.6092, 58.9911,
89.0518

■ 89.8744, 94.0707,
93.5426

■ 43.0341, 55.7056,
88.6061

■ 91.0564, 96.4347,
93.9366

■ 40.2090, 52.8404,
88.2020

■ 92.2625, 98.8469,
94.3386

■ 38.0600, 50.3570,
87.8359

■ 92.2863, 98.8945,
94.3465

■ 36.4973, 48.2091,
87.5037

■ 35.6640, 46.8699,
87.2891

Harmonies

Analogous

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



68.8318, 76.9495, 84.9616



69.5963, 76.9495, 91.3054



71.3109, 76.9495, 95.8008

Triad

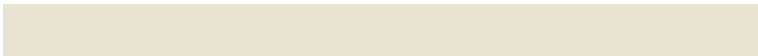
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5963, 76.9495, 91.3054



77.2215, 76.9495, 89.1739



72.7300, 76.9495, 71.8209

Complementary

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



69.5963, 76.9495, 91.3054



69.3604, 69.0490, 68.0660

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.



74.9964, 76.9495, 72.8183



69.5963, 76.9495, 91.3054



77.6206, 76.9495, 82.6191

Square

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



69.5963, 76.9495, 91.3054



75.7190, 76.9495, 94.5258



76.7983, 76.9495, 76.6892



70.6167, 76.9495, 73.8902

Rectangle

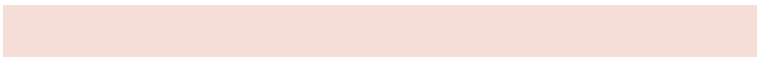
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5963, 76.9495, 91.3054



72.7786, 76.9495, 97.0224



76.7983, 76.9495, 76.6892



73.4990, 76.9495, 71.8099

Sweetspot

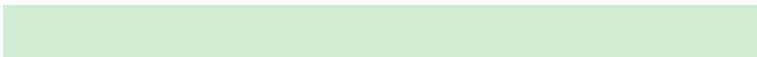
The Sweet Spot groups the original color and five complimentary colors.



69.5985, 76.9527, 91.3071



90.8742, 97.0720, 108.5549



67.4531, 78.3771, 72.9727



19.2875, 20.6622, 23.2216



0.0000, 0.0000, 0.0000



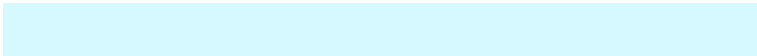
20.3446, 21.4041, 23.3091

Same Dimension

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



69.5985, 76.9527, 91.3071



79.5378, 88.9419, 107.5832



65.5152, 68.7861, 89.9460



15.2990, 16.6843, 19.3363



19.5524, 25.7519, 47.6830



1.5906, 2.1327, 3.7627

Inverse Universe

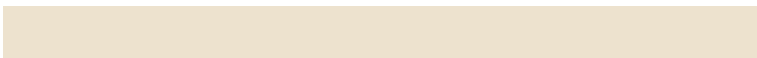
The Inverse Universe completely reimagines the original color for something new.



71.5636, 67.9749, 85.6963



82.3463, 76.2581, 99.5312



73.3041, 76.9365, 69.3806



15.6045, 15.2696, 18.4683



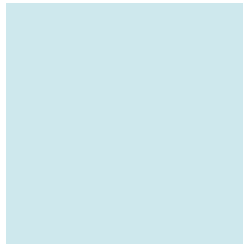
24.7245, 12.0925, 30.6800



1.9694, 0.9607, 2.5561

Previews

White Background



This preview shows how the XYZ color 69.5963, 76.9495, 91.3054 looks on a white background.

Color Contrast Check

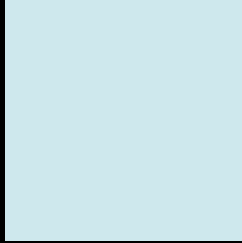
Large Text (above 18pt) WCAG AA × Fail

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 69.5963, 76.9495, 91.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

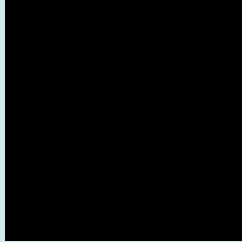
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

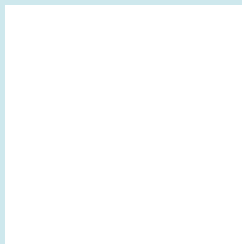
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5963, 76.9495, 91.3054

Background



This preview shows how black text looks on a background with the XYZ color 69.5963, 76.9495, 91.3054.

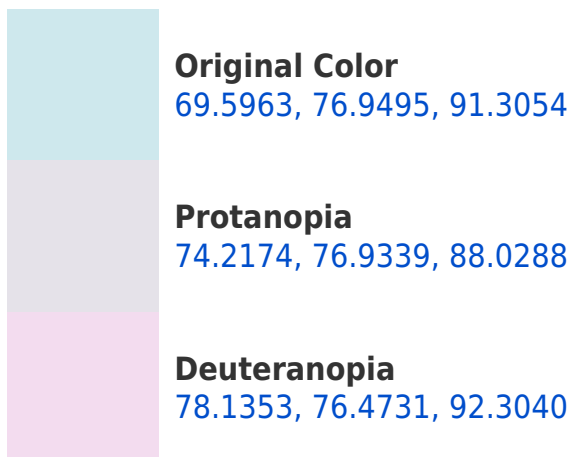


This preview shows how white text looks on a background with the XYZ color 69.5963, 76.9495,

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

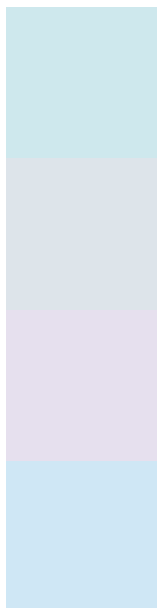




Tritanopia

71.4081, 76.8431, 100.6911

Trichromacy



Original Color

69.5963, 76.9495, 91.3054

Protanomaly

72.4135, 76.7995, 88.8491

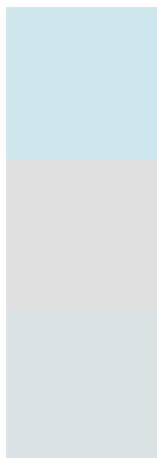
Deuteranomaly

74.7214, 76.3073, 91.6795

Tritanomaly

70.7895, 77.0098, 97.5196

Monochromacy



Original Color

69.5963, 76.9495, 91.3054

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.7997, 76.0494, 85.0762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5963, 76.9495, 91.3054 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(206, 232, 237)` looks like.

```
.text, #text, p{  
    color:rgb(206, 232, 237)  
}
```

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(206, 232, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 232, 237) }
```

Border

The CSS property to change the border of an element to XYZ 69.5963, 76.9495, 91.3054 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(206, 232, 237) }
```


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

```
.border{ border-color:rgb(206, 232, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 232, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 232, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 232, 237);  
box-shadow:4px 4px 4px 4px rgb(206, 232,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5963, 76.9495, 91.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 232, 237) }
```

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

```
.background{ background-color: rgb(206,  
232, 237) }
```

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](#).

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