

Converting Colors

XYZ(63.6846, 69.4142, 91.7031)

Have a look what the booklet for
XYZ(63.6846, 69.4142, 91.7031)
contains.

XYZ(63.6846, 69.4142, 91.7031)	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(63.6846, 69.4142,
91.7031)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DDEF
RGB	194, 221, 239
RGB Percent	76%, 87%, 94%
CMY	0.2392, 0.1333, 0.0627
CMYK	0.19, 0.08, 0.00, 0.06
HSL	204°, 58%, 85%
HSV	204°, 19%, 94%
XYZ	63.6846, 69.4142, 91.7031
YIQ	214.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

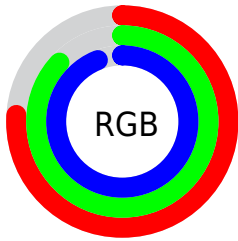
Format	Color
RYB	194, 211, 239
Decimal	12770799
CIELab	86.71, -5.19, -11.79
CIELCh	87, 12.880, 246.256
Yxy	69.4142, 0.2833, 0.3088
Android (android.graphics.Color)	4290960879 (0xFFC2DDEF)
YUV	214.9790, 11.8424, -18.3986
Hunter-Lab	83.3152, -9.3594, -6.9385

Details

The XYZ color **63.6846, 69.4142, 91.7031** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8784, 69.3329, 60.7929**, and the grayscale version is **64.5118, 67.8714, 73.9120**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **32.9987, 36.2668, 50.0607** is the 20% darker color. If you saturate the color by 10%, you get **55.5851, 61.5999, 90.6228**, and if you desaturate by 10%, it is **72.9184, 78.0302, 92.8806**.

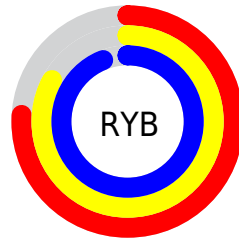
Distribution



Red (76%)

Green (87%)

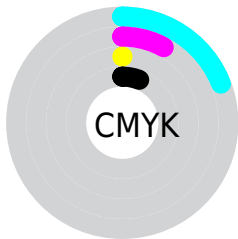
Blue (94%)



Red (76%)

Yellow (83%)

Blue (94%)

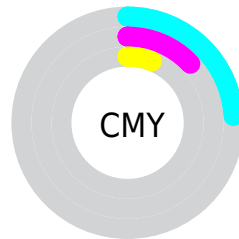


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6846, 69.4142, 91.7031 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 63.6846, 69.4142, 91.7031 by changing the saturation by 10% instead.

■ 63.6846, 69.4142,
91.7031

■ 63.6846, 69.4142,
91.7031

427.6701,
458.4905, 554.2679

■ 46.6560, 51.0491,
68.8124

■ 109.2329,
118.3730, 151.6580

■ 32.9706, 36.2477,
50.0881

138.4832,
149.7355, 189.5592

■ 22.2630, 24.6256,
35.1118

172.5382,
186.1992, 233.3010

■ 14.1680, 15.7983,
23.4647

211.7632,
228.1486, 283.3020

■ 8.3201, 9.3815,
14.7285

256.5235,
275.9680, 339.9806

■ 4.3540, 4.9909,
8.4846

307.1845,

■ 1.9043, 2.2419,

330.0419, 403.7555

4.3144

364.1116,
390.7546, 475.0451

■ 0.5793, 0.7427,
1.7993

■ 0.0000, 0.0000,
0.4275

■ 63.6846, 69.4142,
91.7031

■ 63.6846, 69.4142,
91.7031

■ 55.5851, 61.5999,
90.6228

■ 72.9184, 78.0302,
92.8806

■ 48.5643, 54.5497,
89.6320

■ 83.3266, 87.4665,
94.1534

■ 42.5709, 48.2354,
88.7291

■ 90.9067, 95.6650,
95.3364

■ 37.5467, 42.6232,
87.9107

■ 92.5802, 99.0121,
95.8942

■ 33.4271, 37.6760,
87.1729

■ 30.1388, 33.3522,
86.5116

■ 27.5954, 29.6031,
85.9220

■ 25.6697, 26.3591,
85.3973

■ 25.4650, 26.0016,
85.3391

Harmonies

Analogous

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



61.4408, 69.4142, 85.7588



63.6846, 69.4142, 91.7031



66.6056, 69.4142, 93.1873

Triad

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



63.6846, 69.4142, 91.7031



71.8673, 69.4142, 73.7973



62.6289, 69.4142, 63.0466

Complementary

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



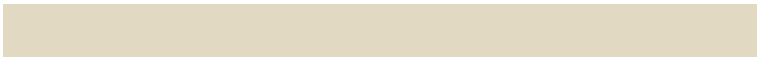
63.6846, 69.4142, 91.7031



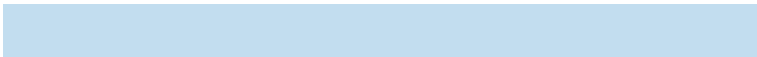
68.8784, 69.3329, 60.7929

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.



65.3506, 69.4142, 60.3437



63.6846, 69.4142, 91.7031



70.7293, 69.4142, 66.2408

Square

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



63.6846, 69.4142, 91.7031



71.3887, 69.4142, 82.4168



68.3219, 69.4142, 61.4674



60.8443, 69.4142, 69.1326

Rectangle

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



63.6846, 69.4142, 91.7031



68.5565, 69.4142, 91.3559



68.3219, 69.4142, 61.4674



63.4613, 69.4142, 61.7341

Sweetspot

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



63.6867, 69.4170, 91.7047



87.7223, 93.3705, 108.0066



64.9053, 77.9194, 73.4130



18.6119, 19.8352, 23.0976



0.0000, 0.0000, 0.0000



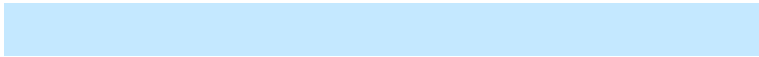
20.3446, 21.4041, 23.3091

Same Dimension

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



63.6867, 69.4170, 91.7047



69.6343, 76.4592, 105.6957



58.3106, 58.6650, 89.9126



15.6862, 16.8065, 20.1388



14.2042, 14.6326, 47.2036



1.2787, 1.4114, 3.9592

Inverse Universe

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



67.9412, 62.1565, 76.8263



75.5597, 66.6982, 84.8959



74.6872, 80.9504, 62.7291



16.1710, 15.9181, 18.4570



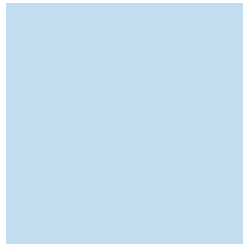
22.4952, 11.2705, 15.7903



1.9204, 0.9572, 1.5716

Previews

White Background



This preview shows how the XYZ color 63.6846, 69.4142, 91.7031 looks on a white background.

Color Contrast Check

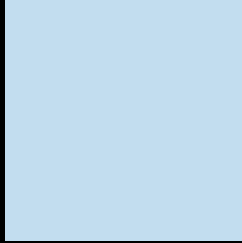
Large Text (above 18pt) WCAG AA × Fail

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 63.6846, 69.4142, 91.7031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

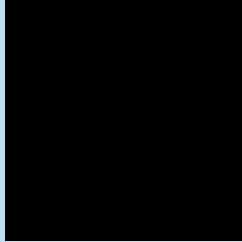
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

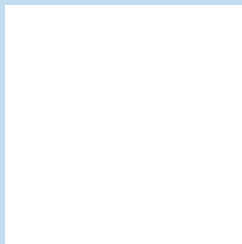
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6846, 69.4142, 91.7031

Background



This preview shows how black text looks on a background with the XYZ color 63.6846, 69.4142, 91.7031.



This preview shows how white text looks on a background with the XYZ color 63.6846, 69.4142,

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



Original Color

63.6846, 69.4142, 91.7031

Protanopia

67.3202, 69.0461, 88.3763

Deuteranopia

70.5355, 69.1082, 92.8407



Tritanopia

63.6846, 69.4142, 91.7031

Trichromacy



Original Color

63.6846, 69.4142, 91.7031

Protanomaly

65.6853, 68.9472, 89.2030

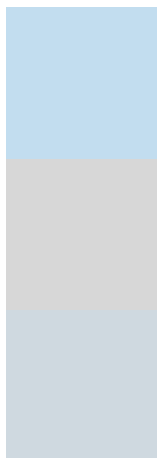
Deuteranomaly

67.7602, 69.1883, 92.2214

Tritanomaly

63.6846, 69.4142, 91.7031

Monochromacy



Original Color

63.6846, 69.4142, 91.7031

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.9995, 68.2729, 80.3259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6846, 69.4142, 91.7031 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(194, 221, 239)` looks like.

```
.text, #text, p{  
    color:rgb(194, 221, 239)  
}
```

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(194, 221, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 221, 239) }
```

Border

The CSS property to change the border of an element to XYZ 63.6846, 69.4142, 91.7031 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(194, 221, 239) }
```


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

```
.border{ border-color:rgb(194, 221, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 221, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 221, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 221, 239);  
box-shadow:4px 4px 4px 4px rgb(194, 221,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6846, 69.4142, 91.7031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 221, 239) }
```

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

```
.background{ background-color: rgb(194,  
221, 239) }
```

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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