

Converting Colors

XYZ(35.0508, 39.8114, 63.2410)

Have a look what the booklet for
XYZ(35.0508, 39.8114, 63.2410)
contains.

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Color

**XYZ(35.0286, 39.8459,
62.9716)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB0CC
RGB	126, 176, 204
RGB Percent	49%, 69%, 80%
CMY	0.5059, 0.3098, 0.2000
CMYK	0.38, 0.14, 0.00, 0.20
HSL	202°, 43%, 65%
HSV	202°, 38%, 80%
XYZ	35.0286, 39.8459, 62.9716
YIQ	164.2420, -38.7880, -1.8920

Conversions

Conversions Part 2

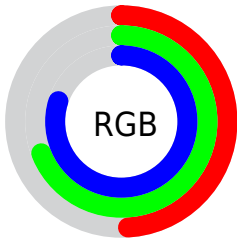
Format	Color
RYB	126, 156, 204
Decimal	8302796
CIELab	69.36, -9.45, -19.46
CIELCh	69, 21.633, 244.099
Yxy	39.8459, 0.2541, 0.2891
Android (android.graphics.Color)	4286492876 (0xFF7EB0CC)
YUV	164.2420, 19.6007, -33.5382
Hunter-Lab	63.1236, -11.4130, -14.9607

Details

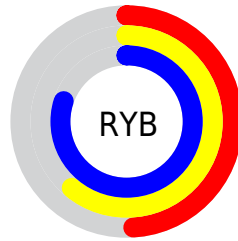
The XYZ color **35.0286, 39.8459, 62.9716** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.2241, 37.4557, 24.8495**, and the grayscale version is **35.3256, 37.1653, 40.4730**.

A 20% lighter version of the original color is **65.9627, 74.7570, 105.5607**, and **15.4603, 18.0338, 31.5202** is the 20% darker color. If you saturate the color by 10%, you get **30.9246, 35.6567, 62.3800**, and if you desaturate by 10%, it is **39.8259, 44.5093, 63.6196**.

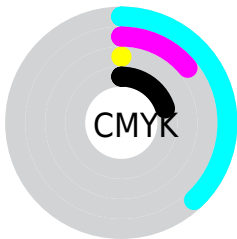
Distribution



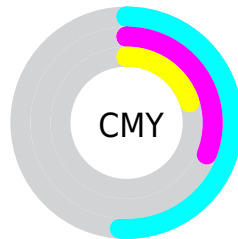
- Red (49%)
- Green (69%)
- Blue (80%)



- Red (49%)
- Yellow (61%)
- Blue (80%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0286, 39.8459, 62.9716 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 35.0286, 39.8459, 62.9716 by changing the saturation by 10% instead.

■ 35.0286, 39.8459,
62.9716

■ 35.0286, 39.8459,
62.9716

316.2004,
345.4736, 453.5715

■ 23.8515, 27.4184,
45.3774

■ 66.8638, 74.9288,
110.7137

■ 15.3477, 17.8877,
31.4097

■ 88.2526, 98.3530,
141.6987

■ 9.1516, 10.8694,
20.6499

■ 113.7761,
126.2116, 177.9843

■ 4.8981, 5.9791,
12.6796

143.7996,
158.8889, 219.9892

■ 2.2218, 2.8324,
7.0802

178.6884,
196.7694, 268.1318

■ 0.7542, 1.0449,
3.4331

218.8079,

■ 0.0000, 0.0000,

240.2374, 322.8307

1.3198

264.5234,
289.6773, 384.5044

■ 0.0000, 0.0000,
0.0779

■ 0.0000, 0.0000,
0.0000

■ 35.0286, 39.8459,
62.9716

■ 35.0286, 39.8459,
62.9716

■ 30.9246, 35.6567,
62.3800

■ 39.8259, 44.5093,
63.6196

■ 27.4714, 31.9153,
61.8399

■ 45.3484, 49.6624,
64.3232

■ 24.6275, 28.5994,
61.3497

■ 51.6302, 55.3254,
65.0851

■ 22.3443, 25.6820,
60.9069

■ 58.7022, 61.5159,
65.9073

■ 20.5650, 23.1320,
60.5085

■ 66.5935, 68.2505,
66.7913

■ 19.2045, 20.9034,
60.1500

■ 75.3316, 75.5451,
67.7387

■ 18.9850, 20.5313,
60.0898

■ 79.6803, 80.7018,
68.5049

■ 81.7291, 84.7994,
69.1878

■ 83.8642, 89.0695,
69.8995

Harmonies

Analogous

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



32.6055, 39.8459, 55.0196



35.0286, 39.8459, 62.9716



38.3519, 39.8459, 65.4030

Triad

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



35.0286, 39.8459, 62.9716



44.9340, 39.8459, 42.0320



34.2492, 39.8459, 29.3930

Complementary

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



35.0286, 39.8459, 62.9716



40.2241, 37.4557, 24.8495

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.



37.3968, 39.8459, 26.9635



35.0286, 39.8459, 62.9716



43.6778, 39.8459, 33.5191

Square

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



35.0286, 39.8459, 62.9716



44.2051, 39.8459, 52.2905



40.8660, 39.8459, 28.3505



32.1753, 39.8459, 35.5535

Rectangle

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



35.0286, 39.8459, 62.9716



40.6661, 39.8459, 63.2980



40.8660, 39.8459, 28.3505



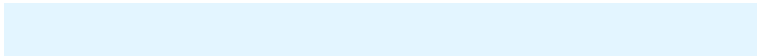
35.2096, 39.8459, 28.1596

Sweetspot

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



35.0299, 39.8474, 62.9725



82.3444, 88.8059, 107.4090



35.9726, 49.9321, 38.0101



17.3140, 18.7289, 22.9524



0.0000, 0.0000, 0.0000



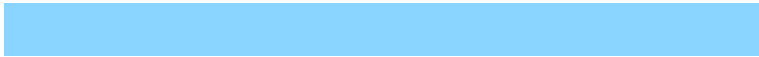
20.3446, 21.4041, 23.3091

Same Dimension

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



35.0299, 39.8474, 62.9725



52.2492, 60.1329, 103.4607



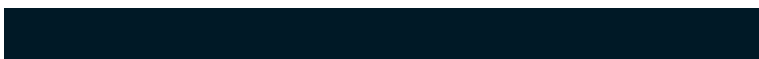
28.5499, 26.8875, 60.8125



11.1914, 12.0232, 14.3012



12.0401, 13.1042, 37.8510



0.6914, 0.8165, 1.9761

Inverse Universe

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



40.2002, 30.8948, 44.9204



62.2823, 44.1497, 68.1193



47.5842, 52.1758, 27.3028



11.5100, 11.3327, 13.2201



18.2882, 9.1259, 14.5021



0.9789, 0.4850, 0.9348

Previews

White Background



This preview shows how the XYZ color 35.0286, 39.8459, 62.9716 looks on a white background.

Color Contrast Check

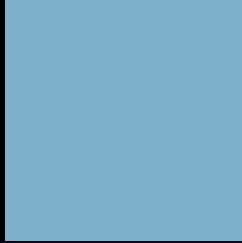
Large Text (above 18pt) WCAG AA × Fail

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 35.0286, 39.8459, 62.9716 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 35.0286, 39.8459, 62.9716

Background



This preview shows how black text looks on a background with the XYZ color 35.0286, 39.8459, 62.9716.



This preview shows how white text looks on a background with the XYZ color 35.0286, 39.8459,

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

35.0286, 39.8459, 62.9716

Protanopia

39.1160, 39.5012, 58.9889

Deuteranopia

40.3216, 39.4735, 63.8865



Tritanopia

33.6032, 39.8575, 55.7914

Trichromacy



Original Color

35.0286, 39.8459, 62.9716

Protanomaly

37.3777, 39.4036, 60.2792

Deuteranomaly

37.9699, 39.3630, 63.3542

Tritanomaly

33.9981, 39.7149, 58.0984

Monochromacy



Original Color

35.0286, 39.8459, 62.9716

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.7170, 37.7440, 48.1034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0286, 39.8459, 62.9716 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(126, 176, 204)` looks like.

```
.text, #text, p{  
    color:rgb(126, 176, 204)  
}
```

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(126, 176, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 176, 204) }
```

Border

The CSS property to change the border of an element to XYZ 35.0286, 39.8459, 62.9716 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(126, 176, 204) }
```


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

```
.border{ border-color:rgb(126, 176, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 176, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 176, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 176, 204);  
box-shadow:4px 4px 4px 4px rgb(126, 176,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0286, 39.8459, 62.9716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 176, 204) }
```

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

```
.background{ background-color: rgb(126,  
176, 204) }
```

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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