

Converting Colors

XYZ(35.1222, 38.9887, 65.6722)

Have a look what the booklet for
XYZ(35.1222, 38.9887, 65.6722)
contains.

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Color

**XYZ(35.2046, 39.0026,
65.9944)**

Conversions

Conversions Part 1

Format	Color
Hex	7FADD1
RGB	127, 173, 209
RGB Percent	50%, 68%, 82%
CMY	0.5019, 0.3216, 0.1804
CMYK	0.39, 0.17, 0.00, 0.18
HSL	206°, 47%, 66%
HSV	206°, 39%, 82%
XYZ	35.2046, 39.0026, 65.9944
YIQ	163.3500, -38.9720, 1.4440

Conversions

Conversions Part 2

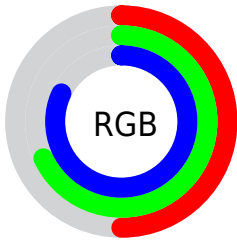
Format	Color
RYB	127, 156, 209
Decimal	8367569
CIELab	68.75, -6.24, -23.13
CIELCh	69, 23.956, 254.912
Yxy	39.0026, 0.2511, 0.2782
Android (android.graphics.Color)	4286557649 (0xFF7FADD1)
YUV	163.3500, 22.5055, -31.8789
Hunter-Lab	62.4521, -8.6696, -18.9365

Details

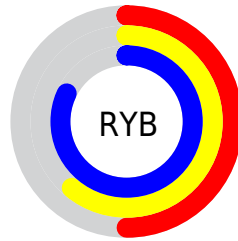
The XYZ color **35.2046, 39.0026, 65.9944** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **43.2233, 41.2829, 25.7702**, and the grayscale version is **34.8893, 36.7062, 39.9731**.

A 20% lighter version of the original color is **65.0848, 72.6519, 105.2006**, and **15.4178, 17.4243, 33.1225** is the 20% darker color. If you saturate the color by 10%, you get **30.7096, 34.1632, 65.2979**, and if you desaturate by 10%, it is **40.4686, 44.4195, 66.7632**.

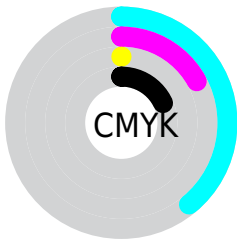
Distribution



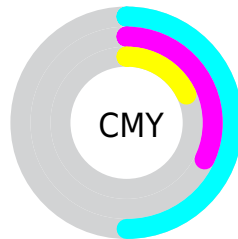
- Red (50%)
- Green (68%)
- Blue (82%)



- Red (50%)
- Yellow (61%)
- Blue (82%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2046, 39.0026, 65.9944 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 35.2046, 39.0026, 65.9944 by changing the saturation by 10% instead.

■ 35.2046, 39.0026,
65.9944

■ 35.2046, 39.0026,
65.9944

316.9627,
341.9015, 464.7605

■ 23.9878, 26.7617,
47.8114

■ 67.1345, 73.6423,
115.1052

■ 15.4492, 17.3944,
33.3186

■ 88.5784, 96.8099,
146.8701

■ 9.2236, 10.5161,
22.0975

■ 114.1619,
124.3886, 183.9994

■ 4.9456, 5.7424,
13.7296

144.2505,
156.7627, 226.9116

■ 2.2498, 2.6891,
7.7962

179.2095,
194.3167, 276.0253

■ 0.7688, 0.9717,
3.8789

219.4043,

■ 0.0000, 0.0000,

237.4349, 331.7590

1.5592

265.2003,
286.5017, 394.5312

■ 0.0000, 0.0000,
0.2614

■ 0.0000, 0.0000,
0.0000

■ 35.2046, 39.0026,
65.9944

■ 35.2046, 39.0026,
65.9944

■ 30.7096, 34.1632,
65.2979

■ 40.4686, 44.4195,
66.7632

■ 26.9371, 29.8714,
64.6683

■ 46.5370, 50.4330,
67.6041

■ 23.8413, 26.1004,
64.1036

■ 53.4472, 57.0668,
68.5203

■ 21.3686, 22.8191,
63.6006

■ 61.2333, 64.3416,
69.5141

■ 19.4564, 19.9911,
63.1555

■ 69.9271, 72.2771,
70.5876

■ 18.0014, 17.5590,
62.7628

■ 79.5590, 80.8921,
71.7428

■ 17.8988, 17.3836,
62.7343

■ 83.1000, 86.5659,
72.6514

■ 85.8284, 92.0228,
73.5608

■ 88.5088, 97.3835,
74.4543

Harmonies

Analogous

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



32.1421, 39.0026, 58.9862



35.2046, 39.0026, 65.9944



38.9794, 39.0026, 66.0168

Triad

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



35.2046, 39.0026, 65.9944



44.5742, 39.0026, 37.3160



32.1565, 39.0026, 29.3263

Complementary

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



35.2046, 39.0026, 65.9944



43.2233, 41.2829, 25.7702

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.



35.2256, 39.0026, 25.3126



35.2046, 39.0026, 65.9944



42.4793, 39.0026, 29.3619

Square

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



35.2046, 39.0026, 65.9944



44.5676, 39.0026, 48.1395



39.0018, 39.0026, 25.3244



30.4657, 39.0026, 37.2590

Rectangle

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



35.2046, 39.0026, 65.9944



41.4033, 39.0026, 62.0008



39.0018, 39.0026, 25.3244



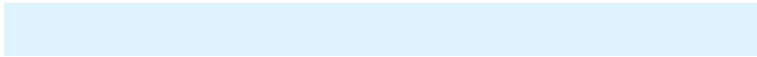
33.0516, 39.0026, 27.5389

Sweetspot

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



35.2059, 39.0041, 65.9953



80.5377, 86.3776, 107.0355



38.1230, 52.7415, 42.6036



16.9265, 18.1901, 22.8689



0.0000, 0.0000, 0.0000



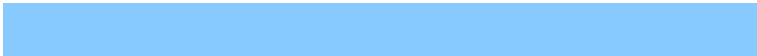
20.3446, 21.4041, 23.3091

Same Dimension

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



35.2059, 39.0041, 65.9953



49.2766, 54.8048, 102.5890



28.5769, 25.7462, 63.7857



11.7059, 12.5021, 15.0398



11.1355, 10.9175, 38.7129



0.7009, 0.7671, 2.1907

Inverse Universe

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



41.4278, 31.7524, 43.4820



60.6311, 42.9123, 61.2031



51.6082, 58.0527, 28.5652



12.0825, 11.9177, 13.7100



18.2514, 9.1734, 11.4960



1.0600, 0.5287, 0.8509

Previews

White Background



This preview shows how the XYZ color 35.2046, 39.0026, 65.9944 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 35.2046, 39.0026, 65.9944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

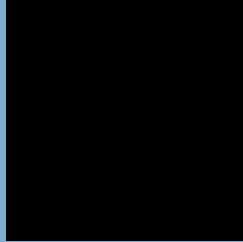
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2046, 39.0026, 65.9944

Background



This preview shows how black text looks on a background with the XYZ color 35.2046, 39.0026, 65.9944.



This preview shows how white text looks on a background with the XYZ color 35.2046, 39.0026,

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

35.2046, 39.0026, 65.9944

Protanopia

38.8334, 39.0030, 62.6083

Deuteranopia

39.7313, 38.8311, 67.0291



Tritanopia

32.8456, 38.9059, 54.4936

Trichromacy



Original Color

35.2046, 39.0026, 65.9944

Protanomaly

37.3612, 39.0352, 63.9579

Deuteranomaly

37.8460, 38.6801, 66.4441

Tritanomaly

33.7202, 38.9762, 58.5692

Monochromacy



Original Color

35.2046, 39.0026, 65.9944

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6346, 37.4168, 48.5767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2046, 39.0026, 65.9944 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(127, 173, 209)` looks like.

```
.text, #text, p{  
    color:rgb(127, 173, 209)  
}
```

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(127, 173, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 173, 209) }
```

Border

The CSS property to change the border of an element to XYZ 35.2046, 39.0026, 65.9944 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(127, 173, 209) }
```


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

```
.border{ border-color:rgb(127, 173, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 173, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 173, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 173, 209); box-shadow:4px 4px 4px 4px rgb(127, 173, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2046, 39.0026, 65.9944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 173, 209) }
```

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

```
.background{ background-color: rgb(127,  
173, 209) }
```

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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