

Converting Colors

XYZ(35.5320, 39.1862, 66.0160)

Have a look what the booklet for
XYZ(35.5320, 39.1862, 66.0160)
contains.

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Color

**XYZ(35.5055, 39.1577,
66.0085)**

Conversions

Conversions Part 1

Format	Color
Hex	81ADD1
RGB	129, 173, 209
RGB Percent	51%, 68%, 82%
CMY	0.4941, 0.3216, 0.1804
CMYK	0.38, 0.17, 0.00, 0.18
HSL	207°, 47%, 66%
HSV	207°, 38%, 82%
XYZ	35.5055, 39.1577, 66.0085
YIQ	163.9480, -37.7800, 1.8680

Conversions

Conversions Part 2

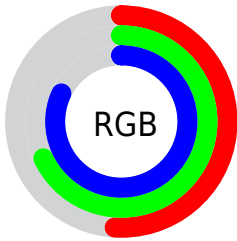
Format	Color
RYB	129, 157, 209
Decimal	8498641
CIELab	68.87, -5.70, -22.95
CIELCh	69, 23.646, 256.053
Yxy	39.1577, 0.2524, 0.2784
Android (android.graphics.Color)	4286688721 (0xFF81ADD1)
YUV	163.9480, 22.2106, -30.6494
Hunter-Lab	62.5761, -8.2278, -18.7389

Details

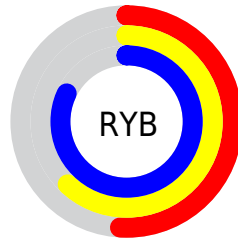
The XYZ color **35.5055, 39.1577, 66.0085** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **43.7130, 42.0516, 26.5831**, and the grayscale version is **35.1735, 37.0053, 40.2988**.

A 20% lighter version of the original color is **65.5606, 72.8972, 105.2229**, and **15.6506, 17.5443, 33.1334** is the 20% darker color. If you saturate the color by 10%, you get **30.9094, 34.2054, 65.2956**, and if you desaturate by 10%, it is **40.8804, 44.7016, 66.7960**.

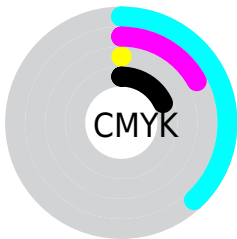
Distribution



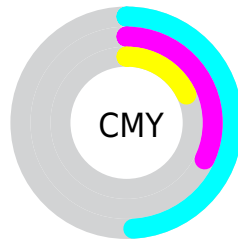
- Red (51%)
- Green (68%)
- Blue (82%)



- Red (51%)
- Yellow (62%)
- Blue (82%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5055, 39.1577, 66.0085 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 35.5055, 39.1577, 66.0085 by changing the saturation by 10% instead.

■ 35.5055, 39.1577,
66.0085

■ 35.5055, 39.1577,
66.0085

318.2631,
342.5605, 464.8123

■ 24.2209, 26.8824,
47.8228

■ 67.5970, 73.8792,
115.1257

■ 15.6232, 17.4849,
33.3276

■ 89.1346, 97.0942,
146.8942

■ 9.3470, 10.5808,
22.1043

■ 114.8205,
124.7245, 184.0273

■ 5.0271, 5.7857,
13.7345

145.0202,
157.1546, 226.9437

■ 2.2981, 2.7152,
7.7996

180.0989,
194.7689, 276.0619

■ 0.7937, 0.9849,
3.8811

220.4221,

■ 0.0000, 0.0000,

237.9517, 331.8004

1.5603

266.3550,
287.0874, 394.5777

■ 0.0000, 0.0000,
0.2623

■ 0.0000, 0.0000,
0.0000

■ 35.5055, 39.1577,
66.0085

■ 35.5055, 39.1577,
66.0085

■ 30.9094, 34.2054,
65.2956

■ 40.8804, 44.7016,
66.7960

■ 27.0458, 29.8146,
64.6517

■ 47.0693, 50.8566,
67.6578

■ 23.8691, 25.9585,
64.0748

■ 54.1096, 57.6463,
68.5973

■ 21.3263, 22.6057,
63.5617

■ 62.0353, 65.0918,
69.6167

■ 19.3556, 19.7201,
63.1086

■ 70.8784, 73.2130,
70.7182

■ 17.8656, 17.2502,
62.7103

■ 80.6692, 82.0290,
71.9038

■ 17.6340, 16.8540,
62.6461

■ 83.5677, 87.5013,
72.8073

■ 86.3907, 93.1473,
73.7483

■ 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.



32.4305, 39.1577, 59.3174



35.5055, 39.1577, 66.0085



39.2499, 39.1577, 65.7458

Triad

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



35.5055, 39.1577, 66.0085



44.5943, 39.1577, 37.1718



32.2598, 39.1577, 29.8393

Complementary

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



35.5055, 39.1577, 66.0085



43.7130, 42.0516, 26.5831

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.



35.2579, 39.1577, 25.6966



35.5055, 39.1577, 66.0085



42.4553, 39.1577, 29.4180

Square

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



35.5055, 39.1577, 66.0085



44.6717, 39.1577, 47.8150



38.9852, 39.1577, 25.5566



30.6436, 39.1577, 37.8453

Rectangle

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



35.5055, 39.1577, 66.0085



41.6297, 39.1577, 61.6266



38.9852, 39.1577, 25.5566



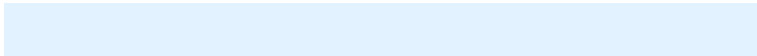
33.1300, 39.1577, 28.0126

Sweetspot

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



35.5068, 39.1592, 66.0094



81.5774, 87.2721, 107.1533



38.5256, 52.9373, 43.1530



17.1310, 18.3629, 22.8914



0.0000, 0.0000, 0.0000



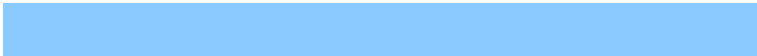
20.3446, 21.4041, 23.3091

Same Dimension

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



35.5068, 39.1592, 66.0094



49.6529, 54.9401, 102.5953



29.1344, 26.4145, 63.8853



11.6949, 12.4801, 15.0362



10.9722, 10.5911, 38.6585



0.6922, 0.7495, 2.1878

Inverse Universe

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



41.6887, 32.2743, 43.5690



60.9717, 43.6255, 61.2182



51.7716, 58.1686, 29.2693



12.0769, 11.9155, 13.6808



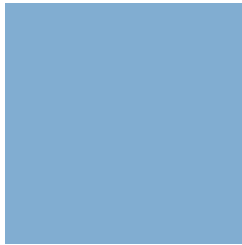
18.1690, 9.1404, 11.0621



1.0556, 0.5270, 0.8276

Previews

White Background



This preview shows how the XYZ color 35.5055, 39.1577, 66.0085 looks on a white background.

Color Contrast Check

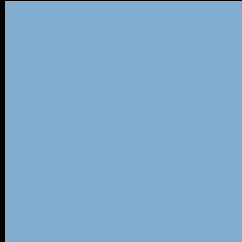
Large Text (above 18pt) WCAG AA × Fail

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 35.5055, 39.1577, 66.0085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

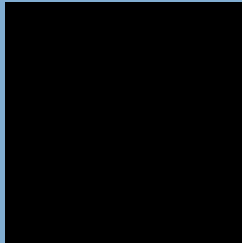
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5055, 39.1577, 66.0085

Background



This preview shows how black text looks on a background with the XYZ color 35.5055, 39.1577, 66.0085.



This preview shows how white text looks on a background with the XYZ color 35.5055, 39.1577,

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

35.5055, 39.1577, 66.0085

Protanopia

38.8334, 39.0030, 62.6083

Deuteranopia

39.7313, 38.8311, 67.0291



Tritanopia

33.1318, 39.0535, 54.5070

Trichromacy



Original Color

35.5055, 39.1577, 66.0085

Protanomaly

37.5413, 39.1281, 63.9664

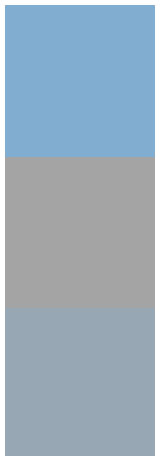
Deuteranomaly

37.8460, 38.6801, 66.4441

Tritanomaly

34.0122, 39.1268, 58.5829

Monochromacy



Original Color

35.5055, 39.1577, 66.0085

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.8194, 37.5120, 48.5854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5055, 39.1577, 66.0085 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(129, 173, 209)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 173, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 173, 209) }
```

Border

The CSS property to change the border of an element to XYZ 35.5055, 39.1577, 66.0085 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(129, 173, 209) }
```


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

```
.border{ border-color:rgb(129, 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(129, 173, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 173, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 173, 209);  
box-shadow:4px 4px 4px 4px rgb(129, 173,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5055, 39.1577, 66.0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 173, 209) }
```

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

```
.background{ background-color: rgb(129,  
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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