

Converting Colors

XYZ(35.6159, 45.7089, 62.4818)

Have a look what the booklet for
XYZ(35.6159, 45.7089, 62.4818)
contains.

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Color

**XYZ(35.6601, 45.8039,
62.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	69C2C9
RGB	105, 194, 201
RGB Percent	41%, 76%, 79%
CMY	0.5882, 0.2392, 0.2118
CMYK	0.48, 0.03, 0.00, 0.21
HSL	184°, 47%, 60%
HSV	184°, 48%, 79%
XYZ	35.6601, 45.8039, 62.2199
YIQ	168.1870, -55.2910, -16.6910

Conversions

Conversions Part 2

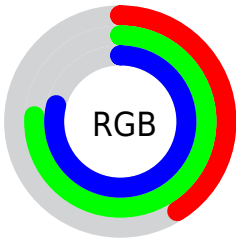
Format	Color
RYB	105, 151, 201
Decimal	6931145
CIELab	73.42, -24.80, -11.80
CIELCh	73, 27.464, 205.439
Yxy	45.8039, 0.2482, 0.3188
Android (android.graphics.Color)	4285121225 (0xFF69C2C9)
YUV	168.1870, 16.1768, -55.4150
Hunter-Lab	67.6786, -24.3852, -7.1329

Details


The XYZ color **35.6601, 45.8039, 62.2199** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.4322, 25.0265, 16.4870**, and the grayscale version is **37.2550, 39.1951, 42.6835**.

A 20% lighter version of the original color is **67.4475, 83.8957, 107.2464**, and **15.6832, 21.3982, 30.9074** is the 20% darker color. If you saturate the color by 10%, you get **33.2484, 44.0799, 62.0151**, and if you desaturate by 10%, it is **38.6357, 47.8255, 62.4541**.

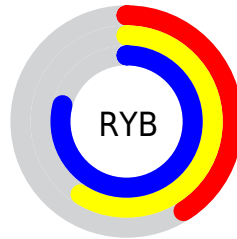
Distribution



 Red (41%)

 Green (76%)

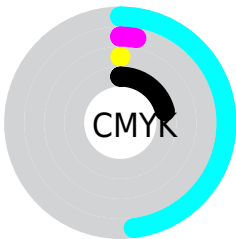
 Blue (79%)





 Red (41%)

 Yellow (59%)

 Blue (79%)

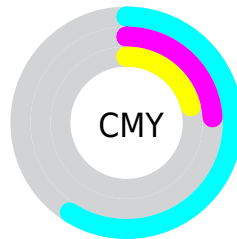


 Cyan (48%)

 Magenta (3%)

 Yellow (0%)

 Black (21%)



 Cyan (59%)

 Magenta (24%)

 Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6601, 45.8039, 62.2199 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 35.6601, 45.8039, 62.2199 by changing the saturation by 10% instead.

■ 35.6601, 45.8039,
62.2199

■ 35.6601, 45.8039,
62.2199

318.9297,
370.0197, 450.7625

■ 24.3407, 32.0911,
44.7735

■ 67.8344, 83.9254,
109.6180

■ 15.7126, 21.4311,
30.9374

■ 89.4200, 109.1030,
140.4067

■ 9.4106, 13.4395,
20.2931

■ 115.1585,
138.8709, 176.4799

■ 5.0692, 7.7319,
12.4221

■ 145.4150,
173.6135, 218.2562

■ 2.3231, 3.9239,
6.9058

180.5550,
213.7154, 266.1540

■ 0.8064, 1.6311,
3.3257

220.9439,

■ 0.0000, 0.3784,

259.5607, 320.5920

1.2633

266.9470,
311.5340, 381.9887

■ 0.0000, 0.0000,
0.0314

■ 0.0000, 0.0000,
0.0000

■ 35.6601, 45.8039,
62.2199

■ 35.6601, 45.8039,
62.2199

■ 33.2484, 44.0799,
62.0151

■ 38.6357, 47.8255,
62.4541

■ 31.3565, 42.6276,
61.8344


■ 42.2071, 50.1579,
62.7161


■ 29.9405, 41.4254,
61.6770


■ 46.4087, 52.8200,
63.0084


■ 28.9476, 40.4460,
61.5403


■ 51.2710, 55.8276,
63.3327


 28.3010, 39.6499,
61.4207


 56.8227, 59.1953,
63.6901

 28.1752, 39.4820,
61.3950

 63.0906, 62.9371,
64.0820

 70.1002, 67.0662,
64.5095

 73.7880, 69.4876,
64.7826

 74.1418, 70.1952,
64.9005

Harmonies

Analogous

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



34.9014, 45.8039, 47.7828



35.6601, 45.8039, 62.2199



38.4662, 45.8039, 75.1999

Triad

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



35.6601, 45.8039, 62.2199



51.6580, 45.8039, 66.5725



44.2796, 45.8039, 27.7424

Complementary

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



35.6601, 45.8039, 62.2199



32.4322, 25.0265, 16.4870

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.



49.0311, 45.8039, 30.9856



35.6601, 45.8039, 62.2199



53.4870, 45.8039, 52.0226

Square

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



35.6601, 45.8039, 62.2199



47.6564, 45.8039, 78.0218



52.4920, 45.8039, 39.2776



39.6587, 45.8039, 29.4677

Rectangle

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



35.6601, 45.8039, 62.2199



41.2370, 45.8039, 80.3737



52.4920, 45.8039, 39.2776



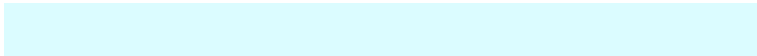
45.9173, 45.8039, 28.2676

Sweetspot

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



35.6615, 45.8057, 62.2210



82.2891, 92.1974, 108.0665



29.6047, 45.9340, 22.4616



17.2371, 19.5001, 23.1053



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.



35.6615, 45.8057, 62.2210



56.9094, 75.4575, 106.1731



26.7410, 27.9648, 59.2475



10.8780, 11.9301, 13.6469



17.7442, 24.8824, 38.6119



0.8604, 1.2187, 1.8350

Inverse Universe

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



38.8777, 26.4169, 54.0908



63.1688, 38.8927, 90.0878



39.1052, 38.3727, 18.7113



11.0484, 10.8028, 13.2384



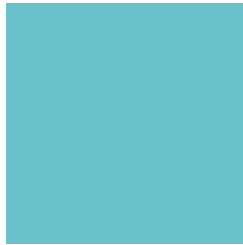
20.7558, 10.0519, 30.2536



0.9930, 0.4800, 1.4863

Previews

White Background



This preview shows how the XYZ color 35.6601, 45.8039, 62.2199 looks on a white background.

Color Contrast Check

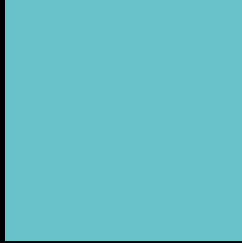
Large Text (above 18pt) WCAG AA × Fail

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 35.6601, 45.8039, 62.2199 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 35.6601, 45.8039, 62.2199

Background



This preview shows how black text looks on a background with the XYZ color 35.6601, 45.8039, 62.2199.

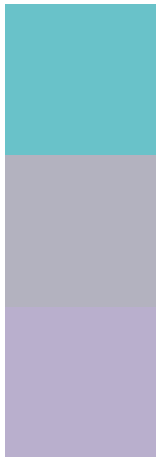


This preview shows how white text looks on a background with the XYZ color 35.6601, 45.8039,

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

35.6601, 45.8039, 62.2199

Protanopia

43.9148, 45.1861, 55.6974

Deuteranopia

46.3570, 45.3820, 64.0739



Tritanopia

36.5185, 45.8198, 66.5939

Trichromacy



Original Color

35.6601, 45.8039, 62.2199

Protanomaly

39.9397, 44.8965, 58.1906

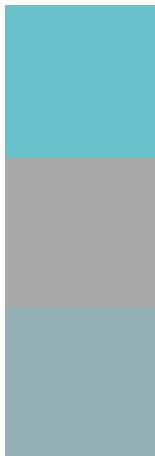
Deuteranomaly

41.3373, 44.8835, 63.6114

Tritanomaly

36.0333, 45.6119, 64.6624

Monochromacy



Original Color

35.6601, 45.8039, 62.2199

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.6374, 40.7593, 49.1691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6601, 45.8039, 62.2199 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(105, 194, 201)` looks like.

```
.text, #text, p{  
    color:rgb(105, 194, 201)  
}
```

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(105, 194, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 194, 201) }
```

Border

The CSS property to change the border of an element to XYZ 35.6601, 45.8039, 62.2199 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(105, 194, 201) }
```


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

```
.border{ border-color:rgb(105, 194, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 194, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 194, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 194, 201);  
box-shadow:4px 4px 4px 4px rgb(105, 194,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6601, 45.8039, 62.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 194, 201) }
```

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

```
.background{ background-color: rgb(105,  
194, 201) }
```

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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