

Converting Colors

XYZ(35.5837, 45.8388, 61.6159)

Have a look what the booklet for
XYZ(35.5837, 45.8388, 61.6159)
contains.

XYZ(35.5428, 45.7570, 61.6023)	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(35.5428, 45.7570,
61.6023)**

Conversions

Conversions Part 1

Format	Color
Hex	69C2C8
RGB	105, 194, 200
RGB Percent	41%, 76%, 78%
CMY	0.5882, 0.2392, 0.2157
CMYK	0.47, 0.03, 0.00, 0.22
HSL	184°, 46%, 60%
HSV	184°, 47%, 78%
XYZ	35.5428, 45.7570, 61.6023
YIQ	168.0730, -54.9700, -17.0020

Conversions

Conversions Part 2

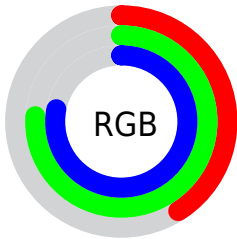
Format	Color
RYB	105, 151, 200
Decimal	6931144
CIELab	73.39, -25.07, -11.30
CIElCh	73, 27.495, 204.264
Yxy	45.7570, 0.2487, 0.3202
Android (android.graphics.Color)	4285121224 (0xFF69C2C8)
YUV	168.0730, 15.7400, -55.3150
Hunter-Lab	67.6439, -24.5859, -6.6438

Details

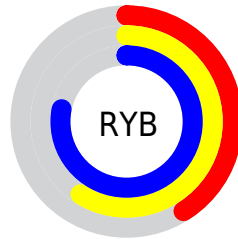
The XYZ color **35.5428, 45.7570, 61.6023** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.0544, 24.6688, 16.4378**, and the grayscale version is **37.2010, 39.1383, 42.6216**.

A 20% lighter version of the original color is **67.4475, 83.8957, 107.2464**, and **15.6051, 21.3670, 30.4959** is the 20% darker color. If you saturate the color by 10%, you get **33.1848, 44.1270, 61.4128**, and if you desaturate by 10%, it is **38.4583, 47.6801, 61.8206**.

Distribution



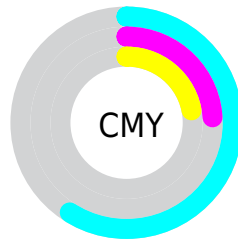
- Red (41%)
- Green (76%)
- Blue (78%)



- Red (41%)
- Yellow (59%)
- Blue (78%)



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (59%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5428, 45.7570, 61.6023 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 35.5428, 45.7570, 61.6023 by changing the saturation by 10% instead.

■ 35.5428, 45.7570,
61.6023

■ 35.5428, 45.7570,
61.6023

318.4240,
369.8308, 448.4465

■ 24.2498, 32.0541,
44.2777

■ 67.6543, 83.8552,
108.7165

■ 15.6447, 21.4028,
30.5501

■ 89.2035, 109.0193,
139.3433

■ 9.3624, 13.4188,
20.0009

■ 114.9021,
138.7726, 175.2412

■ 5.0373, 7.7175,
12.2116

■ 145.1155,
173.4995, 216.8287

■ 2.3041, 3.9147,
6.7637

180.2090,
213.5844, 264.5245

■ 0.7968, 1.6260,
3.2386

220.5480,

■ 0.0000, 0.3750,

259.4116, 318.7470

1.2177

266.4979,
311.3657, 379.9148

■ 0.0000, 0.0000,
0.0000

■ 35.5428, 45.7570,
61.6023

■ 35.5428, 45.7570,
61.6023

■ 33.1848, 44.1270,
61.4128

■ 38.4583, 47.6801,
61.8206

■ 31.3409, 42.7645,
61.2470

■ 41.9627, 49.9092,
62.0662

■ 29.9679, 41.6483,
61.1039

■ 46.0899, 52.4630,
62.3416

■ 29.0138, 40.7516,
60.9811

■ 50.8701, 55.3570,
62.6482

■ 28.4051, 40.0364,
60.8751

■ 56.3314, 58.6057,
62.9875

■ 28.2752, 39.8696,
60.8498

■ 62.5004, 62.2227,
63.3605

■ 69.4022, 66.2212,
63.7685

■ 73.2835, 68.6661,
64.0359

■ 73.5850, 69.2693,
64.1364

Harmonies

Analogous

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



34.8689, 45.7570, 47.2039



35.5428, 45.7570, 61.6023



38.2763, 45.7570, 74.7515

Triad

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



35.5428, 45.7570, 61.6023



51.4944, 45.7570, 67.0742



44.4278, 45.7570, 27.7212

Complementary

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



35.5428, 45.7570, 61.6023



32.0544, 24.6688, 16.4378

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.



49.1583, 45.7570, 31.1604



35.5428, 45.7570, 61.6023



53.4280, 45.7570, 52.5343

Square

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



35.5428, 45.7570, 61.6023



47.4301, 45.7570, 78.2989



52.5429, 45.7570, 39.6476



39.7756, 45.7570, 29.2517

Rectangle

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



35.5428, 45.7570, 61.6023



41.0142, 45.7570, 80.1465



52.5429, 45.7570, 39.6476



46.0649, 45.7570, 28.3110

Sweetspot

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



35.5442, 45.7588, 61.6034



82.3989, 92.4169, 108.1031



29.2818, 45.4331, 21.9078



17.2642, 19.5542, 23.1144



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.



35.5442, 45.7588, 61.6034



57.3388, 76.3164, 106.3162



26.8028, 28.2760, 58.6896



10.8872, 11.9484, 13.6499



18.0030, 25.3999, 38.6982



0.8702, 1.2382, 1.8383

Inverse Universe

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



38.6097, 26.2787, 54.0783



63.3856, 38.9794, 91.2293



38.4695, 37.4990, 18.5761



11.0531, 10.8046, 13.2628



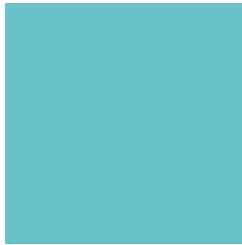
20.8864, 10.1041, 30.9413



0.9979, 0.4820, 1.5123

Previews

White Background



This preview shows how the XYZ color 35.5428, 45.7570, 61.6023 looks on a white background.

Color Contrast Check

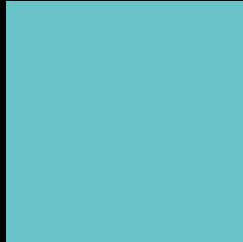
Large Text (above 18pt) WCAG AA × Fail

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 35.5428, 45.7570, 61.6023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

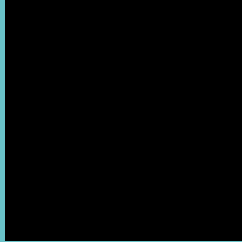
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5428, 45.7570, 61.6023

Background



This preview shows how black text looks on a background with the XYZ color 35.5428, 45.7570, 61.6023.

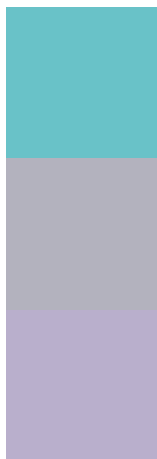


This preview shows how white text looks on a background with the XYZ color 35.5428, 45.7570,

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

35.5428, 45.7570, 61.6023

Protanopia

43.8051, 45.1422, 55.1197

Deuteranopia

46.2366, 45.3339, 63.4401



Tritanopia

36.6395, 45.8821, 66.5995

Trichromacy



Original Color

35.5428, 45.7570, 61.6023

Protanomaly

39.8270, 44.8514, 57.5970

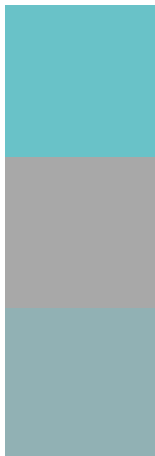
Deuteranomaly

41.2177, 44.8356, 62.9816

Tritanomaly

36.1528, 45.6735, 64.6680

Monochromacy



Original Color

35.5428, 45.7570, 61.6023

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 35.5428, 45.7570, 61.6023 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(105, 194, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 194, 200) }
```

Border

The CSS property to change the border of an element to XYZ 35.5428, 45.7570, 61.6023 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, 200) }
```


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

```
.border{ border-color:rgb(105, 194, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 194, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 194, 200);  
box-shadow:4px 4px 4px 4px rgb(105, 194,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5428, 45.7570, 61.6023 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, 200) }
```

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

```
.background{ background-color: rgb(105,  
194, 200) }
```

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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