

Converting Colors

XYZ(34.5215, 45.4817, 60.9934)

Have a look what the booklet for
XYZ(34.5215, 45.4817, 60.9934)
contains.

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Color

**XYZ(34.5432, 45.5866,
61.0113)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC3C7
RGB	95, 195, 199
RGB Percent	37%, 76%, 78%
CMY	0.6274, 0.2353, 0.2196
CMYK	0.52, 0.02, 0.00, 0.22
HSL	182°, 48%, 58%
HSV	182°, 52%, 78%
XYZ	34.5432, 45.5866, 61.0113
YIQ	165.5560, -60.8840, -19.9560

Conversions

Conversions Part 2

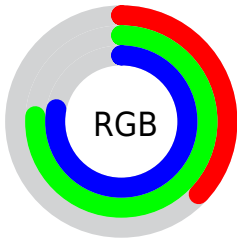
Format	Color
RYB	95, 146, 199
Decimal	6276039
CIELab	73.28, -28.00, -10.96
CIELCh	73, 30.065, 201.379
Yxy	45.5866, 0.2447, 0.3230
Android (android.graphics.Color)	4284466119 (0xFF5FC3C7)
YUV	165.5560, 16.4879, -61.8776
Hunter-Lab	67.5178, -26.8328, -6.3139

Details

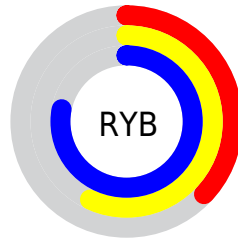
The XYZ color **34.5432, 45.5866, 61.0113** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **30.0814, 21.8928, 13.4679**, and the grayscale version is **35.9767, 37.8503, 41.2189**.

A 20% lighter version of the original color is **65.9973, 83.6131, 107.2683**, and **15.0617, 21.3137, 30.1082** is the 20% darker color. If you saturate the color by 10%, you get **32.5636, 44.3133, 60.8707**, and if you desaturate by 10%, it is **37.0544, 47.1373, 61.1791**.

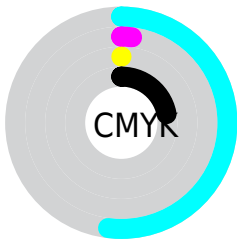
Distribution



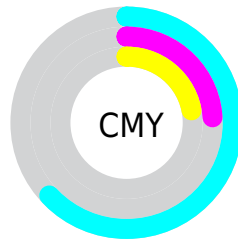
- Red (37%)
- Green (76%)
- Blue (78%)



- Red (37%)
- Yellow (57%)
- Blue (78%)



- Cyan (52%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (63%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5432, 45.5866, 61.0113 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 34.5432, 45.5866, 61.0113 by changing the saturation by 10% instead.

■ 34.5432, 45.5866,
61.0113

■ 34.5432, 45.5866,
61.0113

314.0909,
369.1441, 446.2231

■ 23.4761, 31.9197,
43.8037

■ 66.1162, 83.6000,
107.8530

■ 15.0681, 21.3002,
30.1801

■ 87.3528, 108.7153,
138.3241

■ 8.9538, 13.3436,
19.7221

■ 112.7099,
138.4155, 174.0535

■ 4.7679, 7.6656,
12.0112

■ 142.5529,
173.0850, 215.4597

■ 2.1451, 3.8817,
6.6286

177.2471,
213.1082, 262.9612

■ 0.7136, 1.6076,
3.1561

217.1580,

■ 0.0000, 0.3627,

258.8696, 316.9766

1.1749

262.6508,
310.7534, 377.9244

■ 0.0000, 0.0000,
0.0000

■ 34.5432, 45.5866,
61.0113

■ 34.5432, 45.5866,
61.0113

■ 32.5636, 44.3133,
60.8707

■ 37.0544, 47.1373,
61.1791

■ 31.0704, 43.2910,
60.7520

■ 40.1297, 48.9792,
61.3725

■ 30.0179, 42.4972,
60.6543

■ 43.8041, 51.1311,
61.5942

■ 29.3497, 41.9027,
60.5748

■ 48.1083, 53.6091,
61.8456

■ 29.0163, 41.5383,
60.5220

■ 53.0710, 56.4279,
62.1282

■ 58.7193, 59.6014,
62.4430

■ 65.0785, 63.1427,
62.7914

■ 72.1729, 67.0642,
63.1744

■ 72.6434, 67.5725,
63.2477

Harmonies

Analogous

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



34.0435, 45.5866, 45.4026



34.5432, 45.5866, 61.0113



37.2940, 45.5866, 76.0039

Triad

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



34.5432, 45.5866, 61.0113



51.7574, 45.5866, 70.0931



44.8689, 45.5866, 26.0755

Complementary

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



34.5432, 45.5866, 61.0113



30.0814, 21.8928, 13.4679

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.



49.9817, 45.5866, 30.2036



34.5432, 45.5866, 61.0113



54.1652, 45.5866, 54.1248

Square

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



34.5432, 45.5866, 61.0113



47.1372, 45.5866, 81.9443



53.4902, 45.5866, 39.7706



39.7311, 45.5866, 27.1798

Rectangle

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



34.5432, 45.5866, 61.0113



40.1661, 45.5866, 82.6149



53.4902, 45.5866, 39.7706



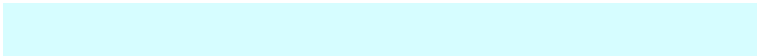
46.6531, 45.5866, 26.8606

Sweetspot

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



34.5446, 45.5883, 61.0124



81.1016, 92.0695, 108.1044



27.3705, 44.1714, 18.7557



17.0223, 19.5128, 23.1191



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.



34.5446, 45.5883, 61.0124



56.5233, 77.2607, 106.5415



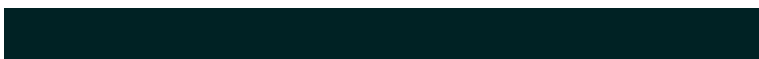
24.9320, 26.3631, 57.8082



10.9104, 11.9949, 13.6577



18.6732, 26.7403, 38.9216



0.8953, 1.2884, 1.8466

Inverse Universe

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



37.4969, 24.2678, 54.3395



62.3453, 36.1564, 93.1714



36.6007, 34.9315, 15.6410



11.0648, 10.8093, 13.3246



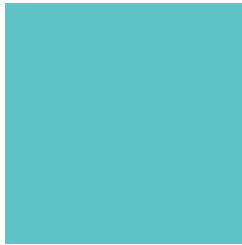
21.2247, 10.2394, 32.7228



1.0106, 0.4871, 1.5790

Previews

White Background



This preview shows how the XYZ color 34.5432, 45.5866, 61.0113 looks on a white background.

Color Contrast Check

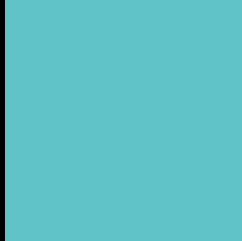
Large Text (above 18pt) WCAG AA × Fail

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 34.5432, 45.5866, 61.0113 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

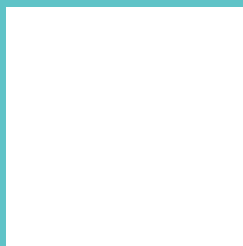
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5432, 45.5866, 61.0113

Background



This preview shows how black text looks on a background with the XYZ color 34.5432, 45.5866, 61.0113.

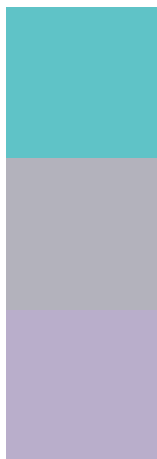


This preview shows how white text looks on a background with the XYZ color 34.5432, 45.5866,

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

34.5432, 45.5866, 61.0113

Protanopia

43.5879, 45.0553, 53.9762

Deuteranopia

45.9231, 44.8982, 62.7457



Tritanopia

35.7242, 45.3960, 67.2010

Trichromacy



Original Color

34.5432, 45.5866, 61.0113

Protanomaly

38.8677, 44.3827, 56.3873

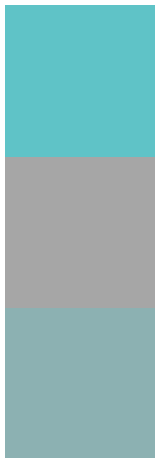
Deuteranomaly

40.3375, 44.3956, 62.3203

Tritanomaly

35.3482, 45.5880, 64.6939

Monochromacy



Original Color

34.5432, 45.5866, 61.0113

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.5732, 40.2341, 48.0632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5432, 45.5866, 61.0113 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(95, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(95, 195, 199)  
}
```

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(95, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 195, 199) }
```

Border

The CSS property to change the border of an element to XYZ 34.5432, 45.5866, 61.0113 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(95, 195, 199) }
```


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

```
.border{ border-color:rgb(95, 195, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(95, 195,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5432, 45.5866, 61.0113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 195, 199) }
```

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

```
.background{ background-color: rgb(95, 195,  
199) }
```

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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