

Converting Colors

XYZ(35.2393, 52.9848, 23.4902)

Have a look what the booklet for
XYZ(35.2393, 52.9848, 23.4902)
contains.

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Color

**XYZ(35.2677, 53.1718,
23.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	7ED56F
RGB	126, 213, 111
RGB Percent	49%, 84%, 44%
CMY	0.5059, 0.1647, 0.5647
CMYK	0.41, 0.00, 0.48, 0.16
HSL	111°, 55%, 64%
HSV	111°, 48%, 84%
XYZ	35.2677, 53.1718, 23.4433
YIQ	175.3590, -19.1100, -50.1660

Conversions

Conversions Part 2

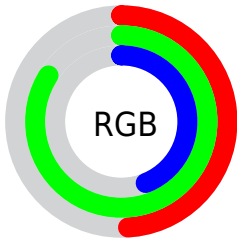
Format	Color
RYB	111, 213, 198
Decimal	8312175
CIELab	77.98, -45.78, 42.16
CIELCh	78, 62.231, 137.357
Yxy	53.1718, 0.3152, 0.4752
Android (android.graphics.Color)	4286502255 (0xFF7ED56F)
YUV	175.3590, -31.7290, -43.2878
Hunter-Lab	72.9190, -41.2757, 31.9817

Details

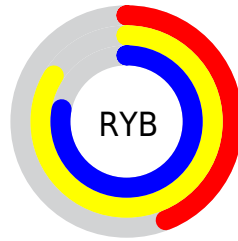
The XYZ color **35.2677, 53.1718, 23.4433** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **40.9858, 28.1804, 66.2328**, and the grayscale version is **41.1013, 43.2418, 47.0903**.

A 20% lighter version of the original color is **61.9893, 84.2676, 48.1201**, and **15.5683, 26.0821, 8.4888** is the 20% darker color. If you saturate the color by 10%, you get **31.7921, 51.5014, 17.8717**, and if you desaturate by 10%, it is **39.5121, 55.2094, 30.5127**.

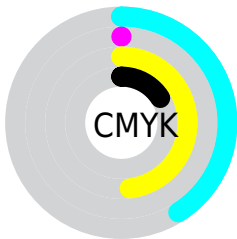
Distribution



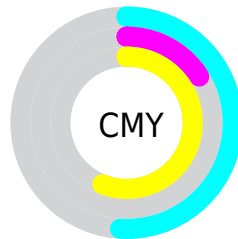
- Red (49%)
- Green (84%)
- Blue (44%)



- Red (44%)
- Yellow (84%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (48%)
- Black (16%)



- Cyan (51%)
- Magenta (16%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2677, 53.1718, 23.4433 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 35.2677, 53.1718, 23.4433 by changing the saturation by 10% instead.

35.2677, 53.1718,
23.4433

35.2677, 53.1718,
23.4433

317.2357,
398.9439, 283.1891

24.0366, 37.9399,
14.7128

67.2316, 94.8571,
50.0526

15.4857, 25.9361,
8.4737

88.6951, 122.0794,
68.7685

9.2495, 16.7758,
4.3074

114.3001,
154.0672, 91.6499

4.9627, 10.0748,
1.7955

144.4121,
191.2050, 119.1154

2.2599, 5.4486,
0.4250

179.3962,
233.8772, 151.5836

0.7740, 2.5128,
0.0000

219.6180,

0.0000, 0.8830,

282.4681, 189.4729

0.0000

265.4427,
337.3622, 233.2019

■ 0.0000, 0.0000,
0.0000

■ 35.2677, 53.1718,
23.4433

■ 35.2677, 53.1718,
23.4433

■ 31.7921, 51.5014,
17.8717

■ 39.5121, 55.2094,
30.5127

■ 29.0348, 50.1697,
13.6868

■ 44.5641, 57.6273,
39.1735

■ 26.9455, 49.1551,
10.7678


■ 50.4642, 60.4462,
49.5156


■ 25.4650, 48.4301,
8.9715


■ 57.2494, 63.6831,
61.6214

■ 24.5185, 47.9606,
8.0943

■ 64.9541, 67.3544,
75.5677

 24.3701, 47.8869,
7.9587

 73.6113, 71.4752,
91.4270

 82.4189, 75.7271,
104.8806

 83.0853, 76.0706,
104.9118

Harmonies

Analogous

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



43.9029, 53.1718, 14.7132



35.2677, 53.1718, 23.4433



31.0472, 53.1718, 44.4878

Triad

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



35.2677, 53.1718, 23.4433



45.6097, 53.1718, 150.4265



76.1893, 53.1718, 40.1871

Complementary

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



35.2677, 53.1718, 23.4433



40.9858, 28.1804, 66.2328

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.



76.8432, 53.1718, 73.7570



35.2677, 53.1718, 23.4433



57.8105, 53.1718, 147.7579

Square

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



35.2677, 53.1718, 23.4433



36.3445, 53.1718, 122.1341



69.6813, 53.1718, 115.8617



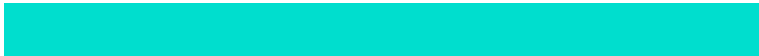
68.0162, 53.1718, 21.3828

Rectangle

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



35.2677, 53.1718, 23.4433



30.7784, 53.1718, 66.8647



69.6813, 53.1718, 115.8617



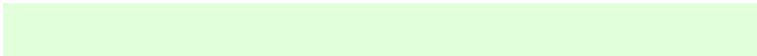
77.3374, 53.1718, 49.7657

Sweetspot

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



35.2690, 53.1741, 23.4445



79.4967, 92.5855, 80.9060



50.4377, 55.5475, 23.1031



16.5547, 19.5972, 16.4981



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.



35.2690, 53.1741, 23.4445



47.9189, 77.4652, 27.0788



35.5944, 53.0676, 35.8489



12.4307, 13.9827, 13.2045



14.9385, 29.2774, 4.8638



0.9564, 1.7944, 0.2960

Inverse Universe

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



40.9858, 28.1804, 66.2328



57.3979, 35.7260, 98.4783



41.0927, 28.7027, 45.1282



12.7652, 12.5359, 15.6844



19.1423, 9.0207, 39.1854



1.2046, 0.5699, 2.3658

Previews

White Background



This preview shows how the XYZ color 35.2677, 53.1718, 23.4433 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 35.2677, 53.1718, 23.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

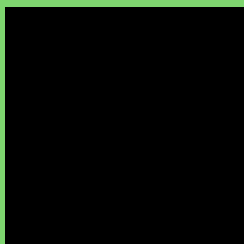
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2677, 53.1718, 23.4433

Background



This preview shows how black text looks on a background with the XYZ color 35.2677, 53.1718, 23.4433.



This preview shows how white text looks on a background with the XYZ color 35.2677, 53.1718,

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

35.2677, 53.1718, 23.4433

Protanopia

48.2123, 52.5476, 20.6984

Deuteranopia

53.4822, 52.3308, 24.4216



Tritanopia

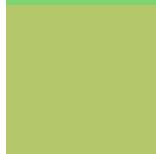
45.2651, 52.8940, 73.4695

Trichromacy



Original Color

35.2677, 53.1718, 23.4433



Protanomaly

42.1305, 52.0734, 21.7406



Deuteranomaly

44.3786, 51.1588, 23.7553



Tritanomaly

40.5147, 52.3660, 50.0918

Monochromacy



Original Color

35.2677, 53.1718, 23.4433



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

37.7697, 45.8303, 36.5612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2677, 53.1718, 23.4433 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(126, 213, 111)` looks like.

```
.text, #text, p{  
    color:rgb(126, 213, 111)  
}
```

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(126, 213, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 213, 111) }
```

Border

The CSS property to change the border of an element to XYZ 35.2677, 53.1718, 23.4433 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(126, 213, 111) }
```


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

```
.border{ border-color:rgb(126, 213, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 213, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 213, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 213, 111);  
box-shadow:4px 4px 4px 4px rgb(126, 213,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2677, 53.1718, 23.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 213, 111) }
```

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

```
.background{ background-color: rgb(126,  
213, 111) }
```

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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