

Converting Colors

XYZ(35.5872, 51.8025, 37.0411)

Have a look what the booklet for
XYZ(35.5872, 51.8025, 37.0411)
contains.

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Color

**XYZ(35.6218, 51.9400,
37.0021)**

Conversions

Conversions Part 1

Format	Color
Hex	73D296
RGB	115, 210, 150
RGB Percent	45%, 82%, 59%
CMY	0.5490, 0.1765, 0.4118
CMYK	0.45, 0.00, 0.29, 0.18
HSL	142°, 51%, 64%
HSV	142°, 45%, 82%
XYZ	35.6218, 51.9400, 37.0021
YIQ	174.7550, -37.3600, -38.8000

Conversions

Conversions Part 2

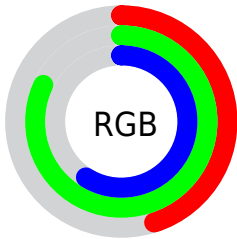
Format	Color
RYB	115, 184, 210
Decimal	7590550
CIELab	77.24, -41.43, 21.20
CIELCh	77, 46.535, 152.899
Yxy	51.9400, 0.2860, 0.4170
Android (android.graphics.Color)	4285780630 (0xFF73D296)
YUV	174.7550, -12.2042, -52.4051
Hunter-Lab	72.0694, -37.8941, 20.0077

Details

The XYZ color **35.6218, 51.9400, 37.0021** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.4486, 29.0593, 44.0364**, and the grayscale version is **40.6969, 42.8163, 46.6269**.

A 20% lighter version of the original color is **63.4537, 84.5376, 70.0998**, and **15.7184, 25.2431, 15.8483** is the 20% darker color. If you saturate the color by 10%, you get **32.1604, 50.2735, 31.5774**, and if you desaturate by 10%, it is **39.8359, 53.9834, 43.0954**.

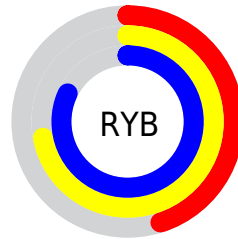
Distribution



Red (45%)

Green (82%)

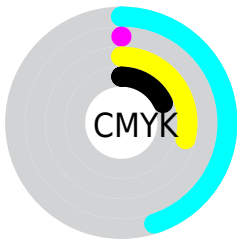
Blue (59%)



Red (45%)

Yellow (72%)

Blue (82%)

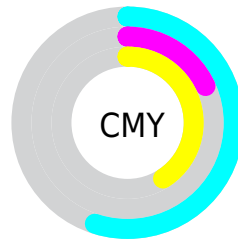


Cyan (45%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (55%)

Magenta (18%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6218, 51.9400, 37.0021 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 35.6218, 51.9400, 37.0021 by changing the saturation by 10% instead.

35.6218, 51.9400,
37.0021

35.6218, 51.9400,
37.0021

318.7646,
394.2049, 348.4886

24.3110, 36.9573,
24.9133

67.7756, 93.0427,
71.7624

15.6905, 25.1744,
15.7941

89.3493, 119.9315,
95.2710

9.3948, 16.2070,
9.2258

115.0748,
151.5578, 123.4232

5.0588, 9.6708,
4.7899

145.3172,
188.3059, 156.6377

2.3169, 5.1812,
2.0680

180.4421,
230.5603, 195.3329

0.8033, 2.3540,
0.5966

220.8147,

0.0000, 0.8021,

278.7053, 239.9275

0.0000

266.8004,
333.1254, 290.8398

■ 0.0000, 0.0000,
0.0000

■ 35.6218, 51.9400,
37.0021

■ 35.6218, 51.9400,
37.0021

■ 32.1604, 50.2735,
31.5774

■ 39.8359, 53.9834,
43.0954

■ 29.4002, 48.9536,
26.7946

■ 44.8416, 56.4190,
49.8758

■ 27.2898, 47.9556,
22.6303


■ 50.6799, 59.2691,
57.3653


■ 25.7679, 47.2485,
19.0583


■ 57.3877, 62.5521,
65.5840


■ 24.7606, 46.7948,
16.0501

■ 64.9998, 66.2857,
74.5511

 24.4002, 46.6362,
14.8053

 73.5489, 70.4863,
84.2850

 80.4420, 73.8169,
94.6809

 82.3376, 74.5751,
104.6625

Harmonies

Analogous

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



40.6269, 51.9400, 24.5296



35.6218, 51.9400, 37.0021



34.1457, 51.9400, 59.0743

Triad

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



35.6218, 51.9400, 37.0021



50.2398, 51.9400, 121.1453



65.2100, 51.9400, 33.8534

Complementary

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



35.6218, 51.9400, 37.0021



40.4486, 29.0593, 44.0364

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.



68.5497, 51.9400, 54.1061



35.6218, 51.9400, 37.0021



59.2794, 51.9400, 108.6205

Square

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



35.6218, 51.9400, 37.0021



41.9605, 51.9400, 112.5039



66.2597, 51.9400, 82.0057



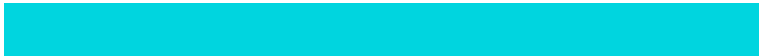
57.5984, 51.9400, 23.1336

Rectangle

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



35.6218, 51.9400, 37.0021



35.1961, 51.9400, 77.8960



66.2597, 51.9400, 82.0057



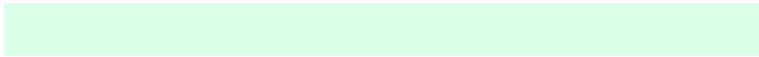
66.9083, 51.9400, 39.5162

Sweetspot

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



35.6232, 51.9421, 37.0033



79.6936, 92.4786, 90.3312



43.8595, 56.4666, 24.8076



16.6037, 19.5723, 18.7658



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.



35.6232, 51.9421, 37.0033



50.2073, 78.1510, 49.4993



40.2347, 53.7867, 61.2873



11.8338, 13.2773, 13.4812



14.9277, 28.4640, 9.2654



0.8725, 1.6067, 0.7172

Inverse Universe

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



40.4486, 29.0593, 44.0364



58.5677, 38.4252, 61.6260



36.5849, 27.5138, 23.6903



12.1183, 11.9321, 13.8989



18.8293, 9.4046, 14.5392



1.0904, 0.5409, 1.0107

Previews

White Background



This preview shows how the XYZ color 35.6218, 51.9400, 37.0021 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 35.6218, 51.9400, 37.0021 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 35.6218, 51.9400, 37.0021

Background



This preview shows how black text looks on a background with the XYZ color 35.6218, 51.9400, 37.0021.



This preview shows how white text looks on a background with the XYZ color 35.6218, 51.9400,

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

35.6218, 51.9400, 37.0021

Protanopia

47.6339, 51.0148, 32.5356

Deuteranopia

52.2439, 51.0718, 38.5568



Tritanopia

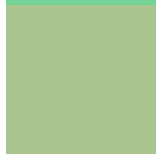
42.9016, 51.6605, 74.0400

Trichromacy



Original Color

35.6218, 51.9400, 37.0021



Protanomaly

41.7949, 50.6040, 33.9503



Deuteranomaly

43.9738, 49.9775, 37.9008



Tritanomaly

39.6760, 51.3960, 58.2813

Monochromacy



Original Color

35.6218, 51.9400, 37.0021



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

38.0030, 45.4919, 42.8542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6218, 51.9400, 37.0021 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(115, 210, 150)` looks like.

```
.text, #text, p{  
    color:rgb(115, 210, 150)  
}
```

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(115, 210, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 210, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.6218, 51.9400, 37.0021 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(115, 210, 150) }
```


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

```
.border{ border-color:rgb(115, 210, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 210, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 210, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 210, 150); box-shadow:4px 4px 4px 4px rgb(115, 210, 150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6218, 51.9400, 37.0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 210, 150) }
```

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

```
.background{ background-color: rgb(115,  
210, 150) }
```

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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