

Converting Colors

XYZ(36.6642, 53.8213, 51.4270)

Have a look what the booklet for
XYZ(36.6642, 53.8213, 51.4270)
contains.

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Color

**XYZ(36.5992, 53.6126,
51.5993)**

Conversions

Conversions Part 1

Format	Color
Hex	5BD6B4
RGB	91, 214, 180
RGB Percent	36%, 84%, 71%
CMY	0.6431, 0.1608, 0.2941
CMYK	0.57, 0.00, 0.16, 0.16
HSL	163°, 60%, 60%
HSV	163°, 57%, 84%
XYZ	36.5992, 53.6126, 51.5993
YIQ	173.3470, -62.3940, -36.6500

Conversions

Conversions Part 2

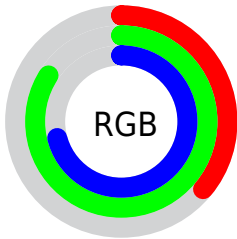
Format	Color
RYB	91, 162, 214
Decimal	6018740
CIELab	78.24, -42.43, 6.55
CIELCh	78, 42.929, 171.228
Yxy	53.6126, 0.2581, 0.3781
Android (android.graphics.Color)	4284208820 (0xFF5BD6B4)
YUV	173.3470, 3.2799, -72.2183
Hunter-Lab	73.2206, -38.9132, 9.4722

Details

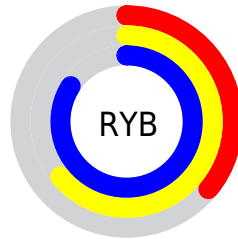
The XYZ color **36.5992, 53.6126, 51.5993** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **35.1762, 23.2604, 22.0398**, and the grayscale version is **39.9056, 41.9838, 45.7203**.

A 20% lighter version of the original color is **63.6628, 84.1554, 92.2451**, and **16.1578, 26.0376, 24.2528** is the 20% darker color. If you saturate the color by 10%, you get **34.1932, 52.4417, 48.4084**, and if you desaturate by 10%, it is **39.6354, 55.1080, 54.9564**.

Distribution



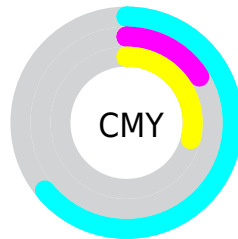
- Red (36%)
- Green (84%)
- Blue (71%)



- Red (36%)
- Yellow (64%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)





- Cyan (64%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5992, 53.6126, 51.5993 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 36.5992, 53.6126, 51.5993 by changing the saturation by 10% instead.


 36.5992, 53.6126,
51.5993


 36.5992, 53.6126,
51.5993


322.9578,
400.6310, 409.8006


 25.0696, 38.2920,
36.3057


 69.2738, 95.5052,
93.9606


 16.2579, 26.2094,
24.3789


 91.1494, 122.8460,
121.8654

 9.7988, 16.9804,
15.4001


 117.2044,
154.9624, 154.8110

 5.3270, 10.2205,
8.9509

 147.8042,
192.2387, 193.2160

 2.4771, 5.5454,
4.6128

183.3141,
235.0593, 237.4989

 0.8837, 2.5707,
1.9672

224.0994,

 0.0000, 0.9120,

283.8086, 288.0783

0.5350

270.5255,
338.8710, 345.3727

■ 0.0000, 0.0000,
0.0000

■ 36.5992, 53.6126,
51.5993

■ 36.5992, 53.6126,
51.5993

■ 34.1932, 52.4417,
48.4084

■ 39.6354, 55.1080,
54.9564

■ 32.3598, 51.5618,
45.3757

■ 43.3439, 56.9457,
58.4797

■ 31.0385, 50.9430,
42.4980

■ 47.7687, 59.1496,
62.1740

■ 30.1446, 50.5416,
39.7695

■ 52.9483, 61.7395,
66.0428

■ 29.9508, 50.4563,
39.1024

■ 58.9186, 64.7339,
70.0892

■ 65.7131, 68.1501,
74.3163

■ 73.3635, 72.0043,
78.7271

■ 79.1981, 74.9192,
83.1981

■ 80.0305, 75.2522,
87.5815

Harmonies

Analogous

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



39.3700, 53.6126, 33.9289



36.5992, 53.6126, 51.5993



37.3317, 53.6126, 76.7834

Triad

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



36.5992, 53.6126, 51.5993



57.0341, 53.6126, 113.0020



61.7592, 53.6126, 29.2206

Complementary

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



36.5992, 53.6126, 51.5993



35.1762, 23.2604, 22.0398

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.



67.5500, 53.6126, 43.1724



36.5992, 53.6126, 51.5993



64.6202, 53.6126, 92.4099

Square

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



36.5992, 53.6126, 51.5993



48.5328, 53.6126, 117.0866



68.6509, 53.6126, 65.7193



53.4609, 53.6126, 23.5467

Rectangle

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



36.5992, 53.6126, 51.5993



39.7462, 53.6126, 94.4897



68.6509, 53.6126, 65.7193



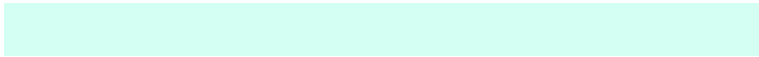
64.0999, 53.6126, 32.8813

Sweetspot

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



36.6007, 53.6147, 51.6005



78.9907, 91.9371, 98.3893



34.5187, 53.2749, 18.3623



16.5512, 19.5000, 20.8046



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.



36.6007, 53.6147, 51.6005



50.1730, 77.6582, 70.9674



34.2984, 42.7705, 70.0686



12.6389, 14.0466, 15.1790



18.1487, 30.5148, 23.8765



1.1288, 1.8542, 1.6202

Inverse Universe

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



35.1762, 23.2604, 22.0398



47.9155, 28.4095, 23.2733



36.0589, 27.9277, 13.3886



12.5629, 12.4767, 13.6386



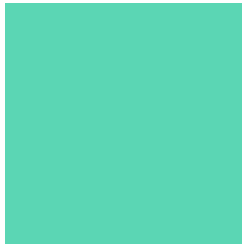
17.2797, 8.8482, 3.5108



1.0773, 0.5477, 0.3962

Previews

White Background



This preview shows how the XYZ color 36.5992, 53.6126, 51.5993 looks on a white background.

Color Contrast Check

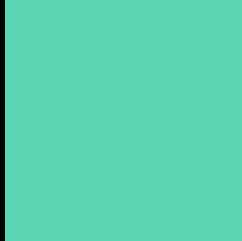
Large Text (above 18pt) WCAG AA × Fail

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 36.5992, 53.6126, 51.5993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

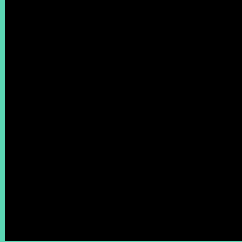
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

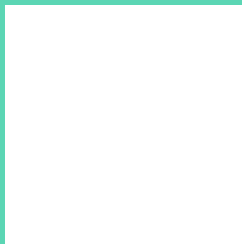
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5992, 53.6126, 51.5993

Background



This preview shows how black text looks on a background with the XYZ color 36.5992, 53.6126, 51.5993.



This preview shows how white text looks on a background with the XYZ color 36.5992, 53.6126,

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

36.5992, 53.6126, 51.5993

Protanopia

50.0049, 52.9439, 44.6294

Deuteranopia

53.8624, 52.8091, 53.8087



Tritanopia

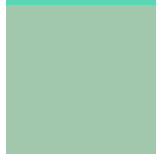
42.0903, 53.6122, 79.3640

Trichromacy



Original Color

36.5992, 53.6126, 51.5993



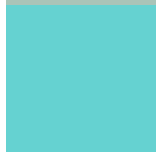
Protanomaly

42.7986, 51.8642, 46.7848



Deuteranomaly

44.7538, 51.3756, 52.9051



Tritanomaly

39.9220, 53.4633, 68.5369

Monochromacy



Original Color

36.5992, 53.6126, 51.5993



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

37.1474, 44.9407, 47.7908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5992, 53.6126, 51.5993 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(91, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(91, 214, 180)  
}
```

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(91, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 214, 180) }
```

Border

The CSS property to change the border of an element to XYZ 36.5992, 53.6126, 51.5993 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(91, 214, 180) }
```


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

```
.border{ border-color:rgb(91, 214, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 214, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 214, 180);  
box-shadow:4px 4px 4px 4px rgb(91, 214,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5992, 53.6126, 51.5993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 214, 180) }
```

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

```
.background{ background-color: rgb(91, 214,  
180) }
```

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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