

Converting Colors

XYZ(36.2630, 52.3101, 51.4464)

Have a look what the booklet for
XYZ(36.2630, 52.3101, 51.4464)
contains.

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Color

**XYZ(36.2518, 52.3167,
51.3675)**

Conversions

Conversions Part 1

Format	Color
Hex	5FD3B4
RGB	95, 211, 180
RGB Percent	37%, 83%, 71%
CMY	0.6274, 0.1725, 0.2941
CMYK	0.55, 0.00, 0.15, 0.17
HSL	164°, 57%, 60%
HSV	164°, 55%, 83%
XYZ	36.2518, 52.3167, 51.3675
YIQ	172.7820, -59.1850, -34.2330

Conversions

Conversions Part 2

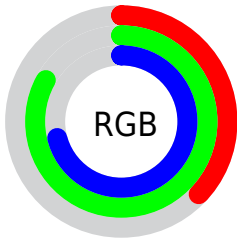
Format	Color
RYB	95, 162, 211
Decimal	6280116
CIELab	77.47, -40.28, 5.46
CIELCh	77, 40.651, 172.280
Yxy	52.3167, 0.2591, 0.3739
Android (android.graphics.Color)	4284470196 (0xFF5FD3B4)
YUV	172.7820, 3.5585, -68.2148
Hunter-Lab	72.3303, -37.1141, 8.5246

Details

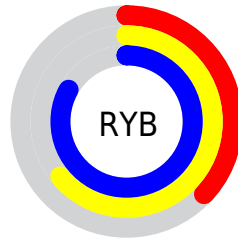
The XYZ color **36.2518, 52.3167, 51.3675** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **34.7238, 23.5410, 22.4543**, and the grayscale version is **39.6148, 41.6778, 45.3872**.

A 20% lighter version of the original color is **64.2267, 84.4462, 92.2715**, and **16.0959, 25.5034, 24.1530** is the 20% darker color. If you saturate the color by 10%, you get **33.7871, 51.1125, 48.3148**, and if you desaturate by 10%, it is **39.3363, 53.8404, 54.5735**.

Distribution



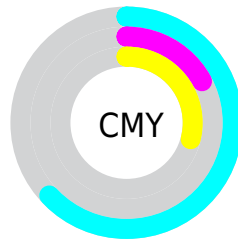
- Red (37%)
- Green (83%)
- Blue (71%)



- Red (37%)
- Yellow (64%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (15%)
- Black (17%)





- Cyan (63%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2518, 52.3167, 51.3675 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 36.2518, 52.3167, 51.3675 by changing the saturation by 10% instead.


 36.2518, 52.3167,
51.3675


 36.2518, 52.3167,
51.3675


321.4719,
395.6580, 408.8772

 24.7997, 37.2576,
36.1224


 68.7419, 93.5981,
93.6148


 16.0559, 25.4070,
24.2383


 90.5106, 120.5892,
121.4541

 9.6548, 16.3805,
15.2967


 116.4489,
152.3264, 154.3286

 5.2312, 9.7938,
8.8789

 146.9222,
189.1942, 192.6568

 2.4197, 5.2625,
4.5666

182.2957,
231.5768, 236.8572

 0.8549, 2.4021,
1.9410

222.9350,

 0.0000, 0.8270,

279.8587, 287.3483

0.5186

269.2052,
334.4243, 344.5488

■ 0.0000, 0.0000,
0.0000

■ 36.2518, 52.3167,
51.3675

■ 36.2518, 52.3167,
51.3675

■ 33.7871, 51.1125,
48.3148

■ 39.3363, 53.8404,
54.5735

■ 31.8885, 50.1961,
45.4081

■ 43.0801, 55.6999,
57.9326

■ 30.5000, 49.5400,
42.6445

■ 47.5246, 57.9179,
61.4494

■ 29.5518, 49.1083,
40.0190

■ 52.7063, 60.5132,
65.1269

■ 29.1789, 48.9438,
38.7486

■ 58.6594, 63.5032,
68.9679

■ 65.4156, 66.9045,
72.9754

■ 73.0051, 70.7324,
77.1521

■ 78.1415, 73.2929,
81.3453

■ 78.9244, 73.6060,
85.4675

Harmonies

Analogous

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



38.7444, 52.3167, 34.4518



36.2518, 52.3167, 51.3675



37.0575, 52.3167, 74.9202

Triad

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



36.2518, 52.3167, 51.3675



55.6532, 52.3167, 106.8874



59.5142, 52.3167, 29.2170

Complementary

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



36.2518, 52.3167, 51.3675



34.7238, 23.5410, 22.4543

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.



64.9942, 52.3167, 42.1338



36.2518, 52.3167, 51.3675



62.6070, 52.3167, 87.6161

Square

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



36.2518, 52.3167, 51.3675



47.7309, 52.3167, 111.2471



66.1817, 52.3167, 62.9529



51.7748, 52.3167, 24.0356

Rectangle

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



36.2518, 52.3167, 51.3675



39.3999, 52.3167, 91.1641



66.1817, 52.3167, 62.9529



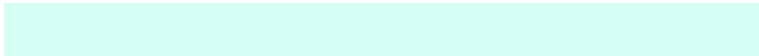
61.7136, 52.3167, 32.6066

Sweetspot

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



36.2533, 52.3188, 51.3687



79.8937, 92.3837, 99.2853



34.2435, 51.9958, 19.0588



16.7320, 19.5892, 20.9966



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.



36.2533, 52.3188, 51.3687



51.2979, 78.1860, 73.3738



34.0096, 42.1996, 67.9832



12.0179, 13.3509, 14.4505



17.6533, 29.5543, 23.6184



1.0191, 1.6653, 1.4891

Inverse Universe

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



34.7238, 23.5410, 22.4543



48.7669, 29.6851, 24.8745



35.6637, 28.1417, 14.3796



11.9366, 11.8594, 12.9422



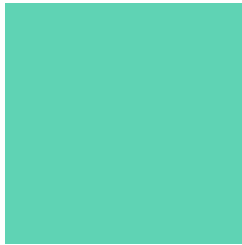
16.6857, 8.5471, 3.2509



0.9663, 0.4913, 0.3576

Previews

White Background



This preview shows how the XYZ color 36.2518, 52.3167, 51.3675 looks on a white background.

Color Contrast Check

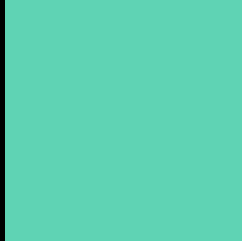
Large Text (above 18pt) WCAG AA × Fail

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 36.2518, 52.3167, 51.3675 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

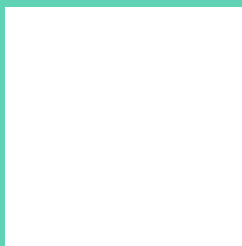
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2518, 52.3167, 51.3675

Background



This preview shows how black text looks on a background with the XYZ color 36.2518, 52.3167, 51.3675.



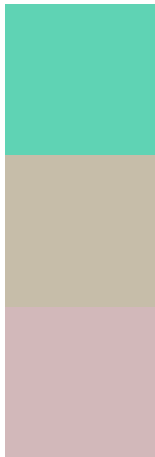
This preview shows how white text looks on a background with the XYZ color 36.2518, 52.3167,

51.3675.

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

36.2518, 52.3167, 51.3675

Protanopia

48.6477, 51.2655, 44.8673

Deuteranopia

52.5818, 51.5278, 53.6289



Tritanopia

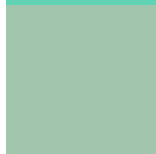
41.3228, 52.1878, 77.0025

Trichromacy



Original Color

36.2518, 52.3167, 51.3675



Protanomaly

42.2070, 50.5267, 47.0632



Deuteranomaly

44.0920, 50.3691, 52.7457



Tritanomaly

39.2842, 52.0737, 67.0122

Monochromacy



Original Color

36.2518, 52.3167, 51.3675



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

37.2839, 44.6950, 47.7362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2518, 52.3167, 51.3675 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, 211, 180)` looks like.

```
.text, #text, p{  
    color:rgb(95, 211, 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(95, 211, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 211, 180) }
```

Border

The CSS property to change the border of an element to XYZ 36.2518, 52.3167, 51.3675 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, 211, 180) }
```


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

```
.border{ border-color:rgb(95, 211, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 211, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 211, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 211, 180);  
box-shadow:4px 4px 4px 4px rgb(95, 211,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2518, 52.3167, 51.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 211, 180) }
```

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

```
.background{ background-color: rgb(95, 211,  
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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