

Converting Colors

XYZ(40.1538, 56.4744, 52.5524)

Have a look what the booklet for
XYZ(40.1538, 56.4744, 52.5524)
contains.

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Color

**XYZ(40.2236, 56.6067,
52.5223)**

Conversions

Conversions Part 1

Format	Color
Hex	73D9B5
RGB	115, 217, 181
RGB Percent	45%, 85%, 71%
CMY	0.5490, 0.1490, 0.2902
CMYK	0.47, 0.00, 0.17, 0.15
HSL	159°, 57%, 65%
HSV	159°, 47%, 85%
XYZ	40.2236, 56.6067, 52.5223
YIQ	182.3980, -49.2360, -32.8200

Conversions

Conversions Part 2

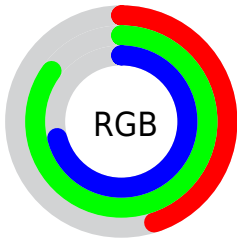
Format	Color
RYB	115, 177, 217
Decimal	7592373
CIELab	79.96, -38.22, 8.59
CIELCh	80, 39.174, 167.330
Yxy	56.6067, 0.2693, 0.3790
Android (android.graphics.Color)	4285782453 (0xFF73D9B5)
YUV	182.3980, -0.6892, -59.1080
Hunter-Lab	75.2374, -36.2354, 11.2766

Details

The XYZ color **40.2236, 56.6067, 52.5223** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.3338, 29.2490, 32.8002**, and the grayscale version is **44.7046, 47.0327, 51.2186**.

A 20% lighter version of the original color is **68.0593, 86.4051, 93.2115**, and **18.2720, 27.8890, 24.8422** is the 20% darker color. If you saturate the color by 10%, you get **36.9348, 55.0010, 48.3788**, and if you desaturate by 10%, it is **44.2304, 58.5804, 56.9275**.

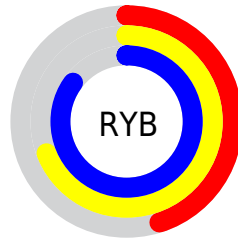
Distribution



Red (45%)

Green (85%)

Blue (71%)



Red (45%)

Yellow (69%)

Blue (85%)

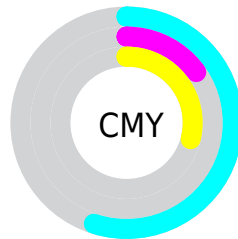


Cyan (47%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (55%)


Magenta (15%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2236, 56.6067, 52.5223 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 40.2236, 56.6067, 52.5223 by changing the saturation by 10% instead.


 40.2236, 56.6067,
52.5223


 40.2236, 56.6067,
52.5223


338.1834,
411.9739, 413.4639


 27.8979, 40.6896,
37.0365


 74.7861, 99.8911,
95.3355

 18.3888, 28.0766,
24.9397


 97.7535, 128.0271,
123.4999

 11.3308, 18.3834,
15.8135


 124.9990,
161.0049, 156.7276

 6.3588, 11.2256,
9.2394

156.8878,
199.2088, 195.4370

 3.1072, 6.2188,
4.7987

193.7853,
243.0233, 240.0469

 1.2107, 2.9786,
2.0730

236.0568,

 0.1148, 1.1206,

292.8327, 290.9756

0.5996

284.0677,
349.0215, 348.6417

■ 0.0000, 0.0000,
0.0000

■ 40.2236, 56.6067,
52.5223

■ 40.2236, 56.6067,
52.5223

■ 36.9348, 55.0010,
48.3788

■ 44.2304, 58.5804,
56.9275

■ 34.3107, 53.7317,
44.4871

■ 48.9943, 60.9379,
61.5960

■ 32.2980, 52.7727,
40.8424


■ 54.5572, 63.7021,
66.5343


■ 30.8327, 52.0911,
37.4379


■ 60.9563, 66.8923,
71.7477


■ 29.8308, 51.6438,
34.2657


■ 68.2267, 70.5262,
77.2410

 29.5778, 51.5332,
33.3579

 76.4011, 74.6208,
83.0190

 80.9939, 76.8637,
88.8749

 82.1224, 77.3151,
94.8172

 83.2991, 77.7857,
101.0135

Harmonies

Analogous

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



43.3272, 56.6067, 36.4683



40.2236, 56.6067, 52.5223



40.4892, 56.6067, 75.6182

Triad

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



40.2236, 56.6067, 52.5223



58.4864, 56.6067, 113.5882



64.8437, 56.6067, 34.7227

Complementary

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



40.2236, 56.6067, 52.5223



40.3338, 29.2490, 32.8002

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.



69.7556, 56.6067, 49.4916



40.2236, 56.6067, 52.5223



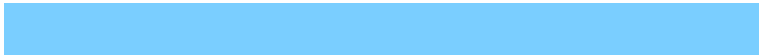
65.8443, 56.6067, 96.3263

Square

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



40.2236, 56.6067, 52.5223



50.5191, 56.6067, 114.9789



70.1388, 56.6067, 71.7453



57.2261, 56.6067, 28.0273

Rectangle

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



40.2236, 56.6067, 52.5223



42.5396, 56.6067, 92.1794



70.1388, 56.6067, 71.7453



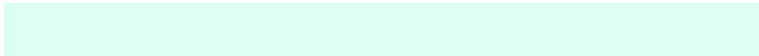
66.8973, 56.6067, 38.7151

Sweetspot

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



40.2252, 56.6090, 52.5236



81.1508, 93.0615, 98.0048



40.9331, 57.5799, 25.1773



16.9582, 19.7141, 20.6329



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.



40.2252, 56.6090, 52.5236



53.4385, 79.3662, 70.0060



41.0469, 51.5578, 73.4364



13.2396, 14.7475, 15.7245



17.9560, 31.2150, 20.4656



1.2036, 2.0384, 1.5383

Inverse Universe

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



40.3338, 29.2490, 32.8002



53.6315, 35.5226, 38.4937



39.5092, 31.5864, 20.2351



13.2449, 13.1271, 14.5509



18.1700, 9.2690, 5.2750



1.2172, 0.6165, 0.5530

Previews

White Background



This preview shows how the XYZ color 40.2236, 56.6067, 52.5223 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 40.2236, 56.6067, 52.5223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

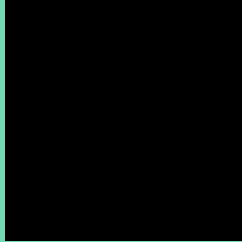
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2236, 56.6067, 52.5223

Background



This preview shows how black text looks on a background with the XYZ color 40.2236, 56.6067, 52.5223.



This preview shows how white text looks on a background with the XYZ color 40.2236, 56.6067,

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

40.2236, 56.6067, 52.5223

Protanopia

52.9541, 56.1002, 46.0676

Deuteranopia

56.8983, 55.6304, 54.7526



Tritanopia

46.0615, 56.7238, 81.1941

Trichromacy



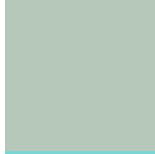
Original Color

40.2236, 56.6067, 52.5223



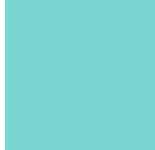
Protanomaly

46.6884, 55.2404, 48.2461



Deuteranomaly

48.7026, 54.7564, 53.9011



Tritanomaly

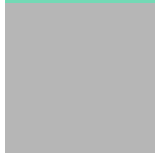
43.5955, 56.4526, 69.5715

Monochromacy



Original Color

40.2236, 56.6067, 52.5223



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.0592, 49.6767, 51.6278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2236, 56.6067, 52.5223 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, 217, 181)` looks like.

```
.text, #text, p{  
    color:rgb(115, 217, 181)  
}
```

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, 217, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 217, 181) }
```

Border

The CSS property to change the border of an element to XYZ 40.2236, 56.6067, 52.5223 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, 217, 181) }
```


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

```
.border{ border-color:rgb(115, 217, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 217, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 217, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 217, 181);  
box-shadow:4px 4px 4px 4px rgb(115, 217,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2236, 56.6067, 52.5223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 217, 181) }
```

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

```
.background{ background-color: rgb(115,  
217, 181) }
```

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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