

Converting Colors

XYZ(52.7967, 56.5793, 66.4118)

Have a look what the booklet for
XYZ(52.7967, 56.5793, 66.4118)
contains.

XYZ(52.7811, 56.5836, 66.5324)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.7811, 56.5836,
66.5324)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC8CE
RGB	189, 200, 206
RGB Percent	74%, 78%, 81%
CMY	0.2588, 0.2157, 0.1922
CMYK	0.08, 0.03, 0.00, 0.19
HSL	201°, 15%, 77%
HSV	201°, 8%, 81%
XYZ	52.7811, 56.5836, 66.5324
YIQ	197.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

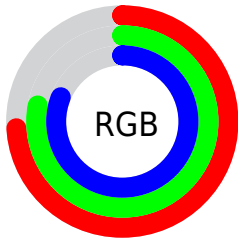
Format	Color
R_{YB}	189, 196, 206
Decimal	12437710
CIE _{Lab}	79.94, -2.58, -4.29
CIE _{LCh}	80, 5.008, 239.006
Yxy	56.5836, 0.3001, 0.3217
Android (android.graphics.Color)	4290627790 (0xFFBDC8CE)
YUV	197.3950, 4.2423, -7.3624
Hunter-Lab	75.2221, -6.3905, 0.2146

Details

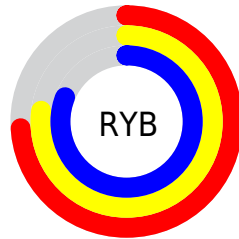
The XYZ color **52.7811, 56.5836, 66.5324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1542, 55.8257, 56.0662**, and the grayscale version is **53.2898, 56.0650, 61.0548**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **26.0997, 28.0590, 33.7461** is the 20% darker color. If you saturate the color by 10%, you get **46.3868, 50.8493, 65.7635**, and if you desaturate by 10%, it is **59.9845, 62.8568, 67.3645**.

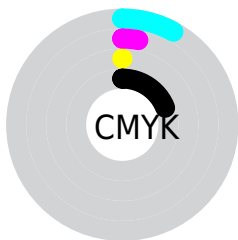
Distribution



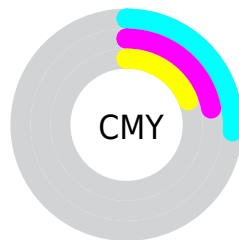
- Red (74%)
- Green (78%)
- Blue (81%)



- Red (74%)
- Yellow (77%)
- Blue (81%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (26%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7811, 56.5836, 66.5324 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 52.7811, 56.5836, 66.5324 by changing the saturation by 10% instead.

■ 52.7811, 56.5836,
66.5324

■ 52.7811, 56.5836,
66.5324

387.7193,
411.8872, 466.7346

■ 37.8548, 40.6710,
48.2455

■ 93.4496, 99.8574,
115.8844

■ 26.0467, 28.0621,
33.6600

119.9226,
127.9873, 147.7866

■ 16.9915, 18.3725,
22.3573

150.9751,
160.9585, 185.0643

■ 10.3237, 11.2177,
13.9188

186.9726,
199.1554, 228.1361

■ 5.6780, 6.2135,
7.9261

228.2804,
242.9623, 277.4205

■ 2.6891, 2.9753,
3.9606

275.2639,

■ 0.9916, 1.1189,

292.7636, 333.3360

1.6038

328.2884,
348.9438, 396.3012

■ 0.0000, 0.0000,
0.2935

■ 0.0000, 0.0000,
0.0000

■ 52.7811, 56.5836,
66.5324

■ 52.7811, 56.5836,
66.5324

■ 46.3868, 50.8493,
65.7635

■ 59.9845, 62.8568,
67.3645

■ 40.7652, 45.6289,
65.0521

■ 68.0217, 69.6788,
68.2576

■ 35.8841, 40.9058,
64.3977

■ 76.9227, 77.0679,
69.2147

■ 31.7073, 36.6595,
63.7982

■ 80.4200, 81.7948,
69.9428

■ 28.1951, 32.8678,
63.2515

■ 82.4739, 85.9025,
70.6274

■ 25.3036, 29.5064,
62.7551

■ 84.6129, 90.1807,
71.3404

■ 22.9832, 26.5478,
62.3063

■ 86.8381, 94.6311,
72.0822

■ 21.1758, 23.9602,
61.9021

■ 88.1407, 97.2363,
72.5164

■ 19.7945, 21.6968,
61.5380

Harmonies

Analogous

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



52.0902, 56.5836, 64.3634



52.7811, 56.5836, 66.5324



53.7471, 56.5836, 67.3760

Triad

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



52.7811, 56.5836, 66.5324



55.7584, 56.5836, 61.7071



52.8391, 56.5836, 56.8444

Complementary

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



52.7811, 56.5836, 66.5324



54.1542, 55.8257, 56.0662

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.



53.8149, 56.5836, 56.1825



52.7811, 56.5836, 66.5324



55.5080, 56.5836, 58.9361

Square

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



52.7811, 56.5836, 66.5324



55.4734, 56.5836, 64.5367



54.7935, 56.5836, 56.9364



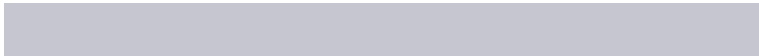
52.1234, 56.5836, 58.7730

Rectangle

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



52.7811, 56.5836, 66.5324



54.4198, 56.5836, 67.0537



54.7935, 56.5836, 56.9364



53.1472, 56.5836, 56.4691

Sweetspot

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



52.7827, 56.5860, 66.5337



92.6273, 97.9030, 108.6229



52.9031, 58.9002, 60.1816



19.8515, 20.9773, 23.2527



0.0000, 0.0000, 0.0000



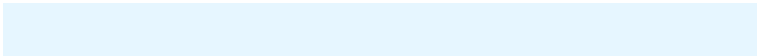
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.7827, 56.5860, 66.5337



83.4801, 89.8748, 107.5554



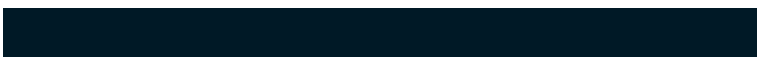
50.8787, 52.7779, 65.8990



11.1973, 12.0351, 14.3032



12.1470, 13.3180, 37.8867



0.6964, 0.8265, 1.9778

Inverse Universe

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



54.0778, 53.6882, 62.1590



86.0331, 84.2298, 98.9161



56.1022, 59.7216, 56.7155



11.5130, 11.3339, 13.2359



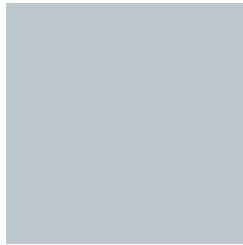
18.3421, 9.1474, 14.7863



0.9814, 0.4860, 0.9481

Previews

White Background



This preview shows how the XYZ color 52.7811, 56.5836, 66.5324 looks on a white background.

Color Contrast Check

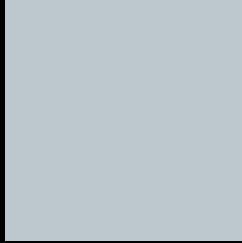
Large Text (above 18pt) WCAG AA × Fail

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 52.7811, 56.5836, 66.5324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

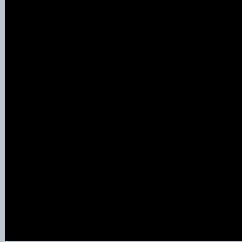
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

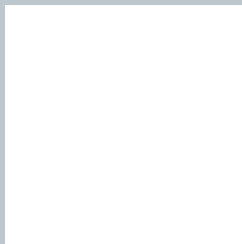
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7811, 56.5836, 66.5324

Background



This preview shows how black text looks on a background with the XYZ color 52.7811, 56.5836, 66.5324.

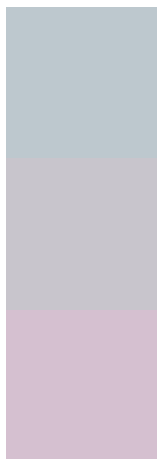


This preview shows how white text looks on a background with the XYZ color 52.7811, 56.5836,

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

52.7811, 56.5836, 66.5324

Protanopia

54.6848, 56.5715, 65.1639

Deuteranopia

57.6754, 56.3995, 67.5209



Tritanopia

53.7962, 56.6490, 71.7173

Trichromacy



Original Color

52.7811, 56.5836, 66.5324

Protanomaly

53.9785, 56.5317, 65.8243

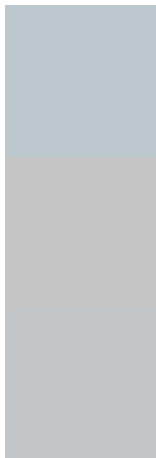
Deuteranomaly

55.6794, 56.3726, 66.9779

Tritanomaly

53.4165, 56.4971, 69.7177

Monochromacy



Original Color

52.7811, 56.5836, 66.5324

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8675, 56.0276, 62.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7811, 56.5836, 66.5324 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(189, 200, 206)` looks like.

```
.text, #text, p{  
    color:rgb(189, 200, 206)  
}
```

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(189, 200, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 200, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.7811, 56.5836, 66.5324 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(189, 200, 206) }
```


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

```
.border{ border-color:rgb(189, 200, 206) }
```

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

Here you see how a box with a 4 pixel rgb(189, 200, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 200, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 200, 206);  
box-shadow:4px 4px 4px 4px rgb(189, 200,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7811, 56.5836, 66.5324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 200, 206) }
```

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

```
.background{ background-color: rgb(189,  
200, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor