

Converting Colors

XYZ(52.0913, 56.4608, 65.7821)

Have a look what the booklet for
XYZ(52.0913, 56.4608, 65.7821)
contains.

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Color

**XYZ(52.1558, 56.6202,
65.9375)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC9CD
RGB	186, 201, 205
RGB Percent	73%, 79%, 80%
CMY	0.2706, 0.2117, 0.1961
CMYK	0.09, 0.02, 0.00, 0.20
HSL	193°, 16%, 77%
HSV	193°, 9%, 80%
XYZ	52.1558, 56.6202, 65.9375
YIQ	196.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

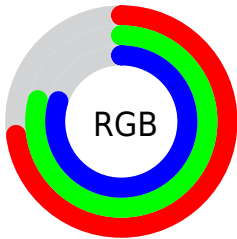
Format	Color
R _{YB}	186, 194, 205
Decimal	12241357
CIE Lab	79.97, -4.30, -3.75
CIE LCh	80, 5.704, 221.109
Yxy	56.6202, 0.2985, 0.3241
Android (android.graphics.Color)	4290431437 (0xFFBAC9CD)
YUV	196.9710, 3.9583, -9.6216
Hunter-Lab	75.2464, -7.9569, 0.7174

Details

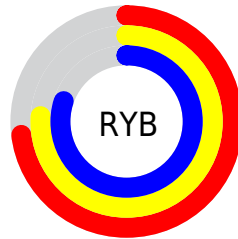
The XYZ color **52.1558, 56.6202, 65.9375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4535, 53.3508, 53.9885**, and the grayscale version is **53.0361, 55.7981, 60.7641**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **25.6925, 28.0883, 33.3456** is the 20% darker color. If you saturate the color by 10%, you get **46.5376, 52.2539, 65.3917**, and if you desaturate by 10%, it is **58.5200, 61.4161, 66.5286**.

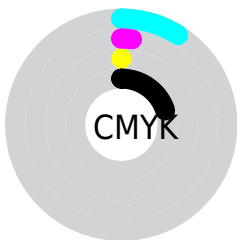
Distribution



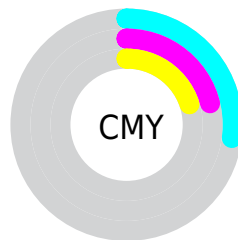
- Red (73%)
- Green (79%)
- Blue (80%)



- Red (73%)
- Yellow (76%)
- Blue (80%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1558, 56.6202, 65.9375 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 52.1558, 56.6202, 65.9375 by changing the saturation by 10% instead.

■ 52.1558, 56.6202,
65.9375

■ 52.1558, 56.6202,
65.9375

385.3519,
412.0246, 464.5514

■ 37.3540, 40.7004,
47.7655

■ 92.5338, 99.9108,
115.0228

■ 25.6567, 28.0851,
33.2826

118.8408,
128.0504, 146.7731

■ 16.6983, 18.3898,
22.0701

149.7136,
161.0320, 183.8867

■ 10.1136, 11.2302,
13.7096

185.5176,
199.2401, 226.7820

■ 5.5372, 6.2219,
7.7825

226.6180,
243.0590, 275.8776

■ 2.6037, 2.9805,
3.8703

273.3803,

■ 0.9479, 1.1215,

292.8731, 331.5920

1.5545

326.1698,
349.0668, 394.3438

■ 0.0000, 0.0000,
0.2580

■ 0.0000, 0.0000,
0.0000

■ 52.1558, 56.6202,
65.9375

■ 52.1558, 56.6202,
65.9375

■ 46.5376, 52.2539,
65.3917

■ 58.5200, 61.4161,
66.5286

■ 41.6300, 48.2939,
64.8860

■ 65.6540, 66.6495,
67.1628

■ 37.4020, 44.7255,
64.4201

■ 73.5866, 72.3372,
67.8425

■ 33.8182, 41.5301,
63.9922

■ 77.3970, 75.9427,
68.3376

■ 30.8401, 38.6875,
63.6005

■ 78.5317, 78.2120,
68.7159

■ 28.4248, 36.1751,
63.2428

■ 79.6957, 80.5400,
69.1039

■ 26.5235, 33.9676,
62.9170

■ 80.8892, 82.9271,
69.5017

■ 25.0787, 32.0348,
62.6200

■ 82.1125, 85.3737,
69.9095

■ 23.9926, 30.3260,
62.3475

■ 83.3658, 87.8802,
70.3272

Harmonies

Analogous

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



51.6607, 56.6202, 62.8864



52.1558, 56.6202, 65.9375



53.0982, 56.6202, 67.8810

Triad

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



52.1558, 56.6202, 65.9375



55.9497, 56.6202, 63.7372



53.3880, 56.6202, 55.6028

Complementary

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



52.1558, 56.6202, 65.9375



52.4535, 53.3508, 53.9885

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.



54.5398, 56.6202, 55.8121



52.1558, 56.6202, 65.9375



56.0300, 56.6202, 60.4295

Square

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



52.1558, 56.6202, 65.9375



55.2928, 56.6202, 66.5795



55.5107, 56.6202, 57.5521



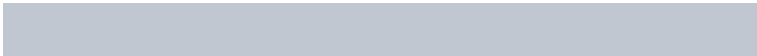
52.3653, 56.6202, 56.9696

Rectangle

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



52.1558, 56.6202, 65.9375



53.8589, 56.6202, 68.2465



55.5107, 56.6202, 57.5521



53.7727, 56.6202, 55.4924

Sweetspot

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



52.1574, 56.6226, 65.9388



91.7801, 97.5554, 108.6005



51.3544, 57.8117, 57.0537



19.4618, 20.7434, 23.2281



0.0000, 0.0000, 0.0000



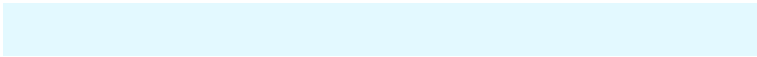
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1574, 56.6226, 65.9388



83.6192, 91.3556, 107.8339



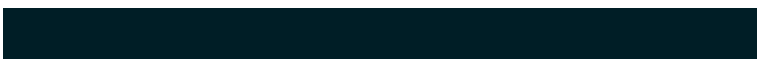
50.0539, 52.4155, 65.2376



11.3352, 12.3108, 14.3492



14.9605, 18.9450, 38.8245



0.8233, 1.0804, 2.0201

Inverse Universe

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



53.2796, 52.3151, 62.5508



85.8098, 83.0166, 101.2049



54.5332, 57.5103, 54.6817



11.5825, 11.3617, 13.6022



19.7623, 9.7155, 22.2647



1.0455, 0.5116, 1.2856

Previews

White Background



This preview shows how the XYZ color 52.1558, 56.6202, 65.9375 looks on a white background.

Color Contrast Check

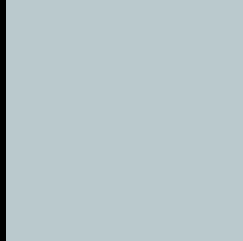
Large Text (above 18pt) WCAG AA × Fail

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 52.1558, 56.6202, 65.9375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

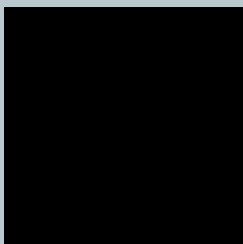
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

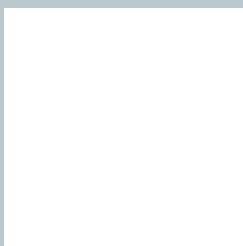
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1558, 56.6202, 65.9375

Background



This preview shows how black text looks on a background with the XYZ color 52.1558, 56.6202, 65.9375.



This preview shows how white text looks on a background with the XYZ color 52.1558, 56.6202,

65.9375.

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

52.1558, 56.6202, 65.9375

Protanopia

54.5652, 56.5237, 64.5342

Deuteranopia

57.5527, 56.3504, 66.8748



Tritanopia

53.4282, 56.4445, 72.3689

Trichromacy



Original Color

52.1558, 56.6202, 65.9375

Protanomaly

53.5988, 56.3499, 65.1784

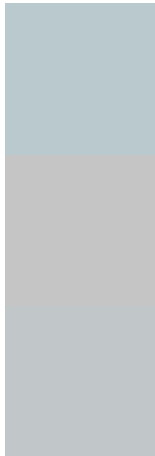
Deuteranomaly

55.2843, 56.1830, 66.3231

Tritanomaly

52.9057, 56.5765, 69.7599

Monochromacy



Original Color

52.1558, 56.6202, 65.9375

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.6117, 55.8958, 62.6596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1558, 56.6202, 65.9375 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(186, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(186, 201, 205)  
}
```

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(186, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 201, 205) }
```

Border

The CSS property to change the border of an element to XYZ 52.1558, 56.6202, 65.9375 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(186, 201, 205) }
```


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

```
.border{ border-color:rgb(186, 201, 205) }
```

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

Here you see how a box with a 4 pixel rgb(186, 201, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(186, 201,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1558, 56.6202, 65.9375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 201, 205) }
```

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

```
.background{ background-color: rgb(186,  
201, 205) }
```

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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