

Converting Colors

XYZ(52.5926, 58.4679, 63.6484)

Have a look what the booklet for
XYZ(52.5926, 58.4679, 63.6484)
contains.

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Color

**XYZ(52.6236, 58.3188,
63.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	BACDC9
RGB	186, 205, 201
RGB Percent	73%, 80%, 79%
CMY	0.2706, 0.1961, 0.2118
CMYK	0.09, 0.00, 0.02, 0.20
HSL	167°, 16%, 77%
HSV	167°, 9%, 80%
XYZ	52.6236, 58.3188, 63.7414
YIQ	198.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

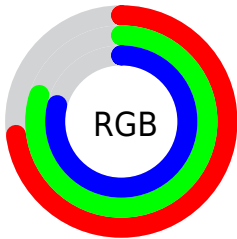
Format	Color
R _{YB}	186, 197, 205
Decimal	12242377
CIE Lab	80.92, -7.17, -0.21
CIE LCh	81, 7.176, 181.694
Yxy	58.3188, 0.3013, 0.3339
Android (android.graphics.Color)	4290432457 (0xFFBACDC9)
YUV	198.8630, 1.0535, -11.2809
Hunter-Lab	76.3667, -10.6392, 3.9689

Details

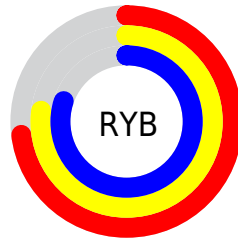
The XYZ color **52.6236, 58.3188, 63.7414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0321, 51.8161, 55.9770**, and the grayscale version is **54.2019, 57.0246, 62.0998**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.0059, 29.2263, 31.8744** is the 20% darker color. If you saturate the color by 10%, you get **47.4956, 55.7347, 60.8875**, and if you desaturate by 10%, it is **58.4837, 61.2819, 66.7065**.

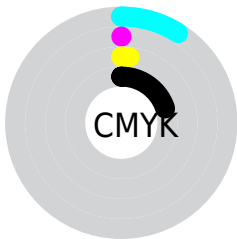
Distribution



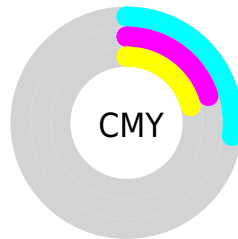
- Red (73%)
- Green (80%)
- Blue (79%)



- Red (73%)
- Yellow (77%)
- Blue (80%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6236, 58.3188, 63.7414 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 52.6236, 58.3188, 63.7414 by changing the saturation by 10% instead.

■ 52.6236, 58.3188,
63.7414

■ 52.6236, 58.3188,
63.7414

387.1239,
418.3728, 456.4370

■ 37.7286, 42.0650,
45.9964

■ 93.2191, 102.3870,
111.8343

■ 25.9484, 29.1522,
31.8943

119.6503,
130.9701, 143.0193

■ 16.9175, 19.1960,
21.0167

150.6576,
164.4318, 179.5214

■ 10.2706, 11.8120,
12.9448

186.6065,
203.1565, 221.7591

■ 5.6424, 6.6158,
7.2603

227.8622,
247.5286, 270.1510

■ 2.6675, 3.2230,
3.5445

274.7901,

■ 0.9805, 1.2492,

297.9324, 325.1156

1.3789

327.7555,
354.7523, 387.0714

■ 0.0000, 0.1014,
0.1252

■ 0.0000, 0.0000,
0.0000

■ 52.6236, 58.3188,
63.7414

■ 52.6236, 58.3188,
63.7414

■ 47.4956, 55.7347,
60.8875

■ 58.4837, 61.2819,
66.7065

■ 43.0644, 53.5066,
58.1390

■ 65.0996, 64.6313,
69.7810

■ 39.2991, 51.6201,
55.4950

■ 72.4999, 68.3834,
72.9679

■ 36.1644, 50.0571,
52.9533

■ 75.7635, 70.0013,
76.0376

■ 33.6219, 48.7979,
50.5114

■ 76.3371, 70.2307,
79.0583

■ 31.6289, 47.8202,
48.1668

■ 76.9256, 70.4661,
82.1572

■ 30.1366, 47.0992,
45.9164

■ 77.5290, 70.7075,
85.3349

■ 29.0878, 46.6052,
43.7569

■ 78.1475, 70.9549,
88.5918

■ 28.3846, 46.2879,
41.6831

■ 78.7812, 71.2084,
91.9286

Harmonies

Analogous

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



52.9530, 58.3188, 59.6983



52.6236, 58.3188, 63.7414



53.0350, 58.3188, 67.8953

Triad

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



52.6236, 58.3188, 63.7414



56.9447, 58.3188, 70.7179



56.7959, 58.3188, 56.5652

Complementary

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



52.6236, 58.3188, 63.7414



52.0321, 51.8161, 55.9770

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.



57.8966, 58.3188, 59.2972



52.6236, 58.3188, 63.7414



57.9836, 58.3188, 67.4582

Square

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



52.6236, 58.3188, 63.7414



55.5148, 58.3188, 72.0330



58.3350, 58.3188, 63.2577



55.3459, 58.3188, 55.6676

Rectangle

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



52.6236, 58.3188, 63.7414



53.6783, 58.3188, 70.1380



58.3350, 58.3188, 63.2577



57.2199, 58.3188, 57.2932

Sweetspot

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



52.6253, 58.3213, 63.7427



92.0329, 98.4745, 107.4101



51.9604, 58.1725, 54.9450



19.5303, 20.9924, 22.9056



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.



52.6253, 58.3213, 63.7427



84.5359, 94.6880, 103.5180



51.8365, 55.9802, 65.8337



11.4381, 12.6850, 13.8645



17.6762, 28.8158, 26.0438



0.9379, 1.4970, 1.4807

Inverse Universe

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



52.0321, 51.8161, 55.9770



83.3833, 82.0460, 88.4269



52.7562, 53.9551, 54.0890



11.3074, 11.2517, 12.1534



15.9757, 8.2009, 2.3246



0.8527, 0.4345, 0.2703

Previews

White Background



This preview shows how the XYZ color 52.6236, 58.3188, 63.7414 looks on a white background.

Color Contrast Check

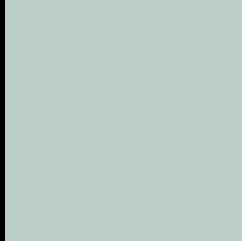
Large Text (above 18pt) WCAG AA × Fail

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 52.6236, 58.3188, 63.7414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

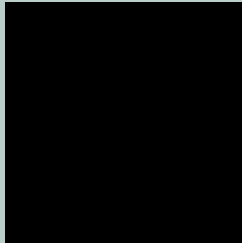
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

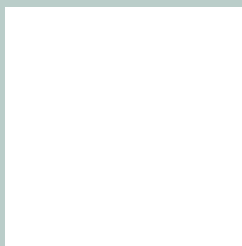
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6236, 58.3188, 63.7414

Background



This preview shows how black text looks on a background with the XYZ color 52.6236, 58.3188, 63.7414.

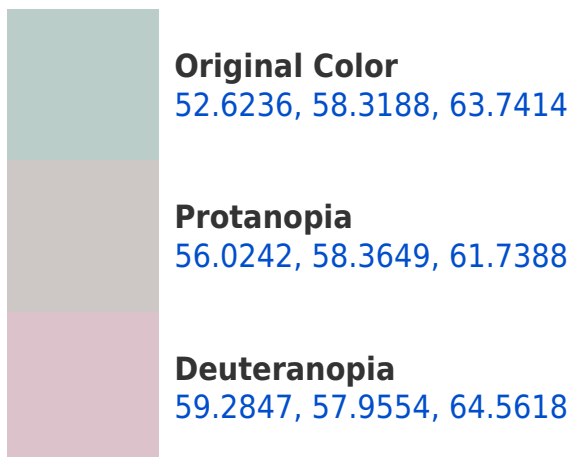


This preview shows how white text looks on a background with the XYZ color 52.6236, 58.3188,

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





Tritanopia

54.7617, 58.1218, 74.6621

Trichromacy



Original Color

52.6236, 58.3188, 63.7414

Protanomaly

54.7180, 58.3703, 62.4155

Deuteranomaly

56.5869, 57.9178, 64.0739

Tritanomaly

53.9786, 58.1567, 70.6677

Monochromacy



Original Color

52.6236, 58.3188, 63.7414

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.5601, 57.4128, 62.9024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6236, 58.3188, 63.7414 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, 205, 201)` looks like.

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

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, 205, 201) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 52.6236, 58.3188, 63.7414 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, 205, 201) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 52.6236, 58.3188, 63.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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