

Converting Colors

XYZ(52.1260, 53.4910, 53.3986)

Have a look what the booklet for
XYZ(52.1260, 53.4910, 53.3986)
contains.

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Color

**XYZ(52.2896, 53.6018,
53.4892)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBFB9
RGB	204, 191, 185
RGB Percent	80%, 75%, 73%
CMY	0.2000, 0.2510, 0.2745
CMYK	0.00, 0.06, 0.09, 0.20
HSL	19°, 16%, 76%
HSV	19°, 9%, 80%
XYZ	52.2896, 53.6018, 53.4892
YIQ	194.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

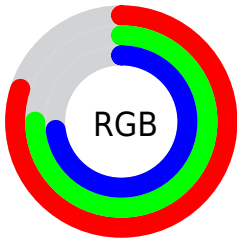
Format	Color
R _Y B	204, 194, 185
Decimal	13418425
CIE Lab	78.23, 3.54, 4.65
CIE LCh	78, 5.846, 52.768
Yxy	53.6018, 0.3281, 0.3363
Android (android.graphics.Color)	4291608505 (0xFFCCBFB9)
YUV	194.2030, -4.5371, 8.5920
Hunter-Lab	73.2133, -0.6368, 7.9323

Details

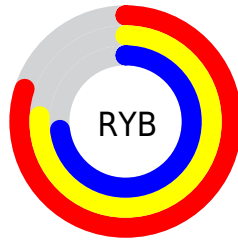
The XYZ color **52.2896, 53.6018, 53.4892** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1006, 55.0610, 65.0618**, and the grayscale version is **51.4216, 54.0996, 58.9144**.

A 20% lighter version of the original color is **90.3779, 94.1324, 96.6250**, and **25.8310, 26.3269, 25.5500** is the 20% darker color. If you saturate the color by 10%, you get **47.3896, 47.0041, 41.9824**, and if you desaturate by 10%, it is **57.7916, 60.9077, 66.7225**.

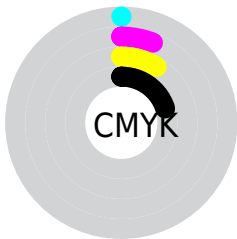
Distribution



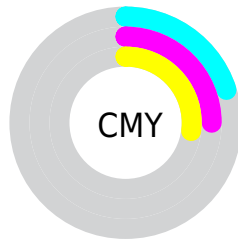
- Red (80%)
- Green (75%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2896, 53.6018, 53.4892 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 52.2896, 53.6018, 53.4892 by changing the saturation by 10% instead.


 52.2896, 53.6018,
53.4892

 52.2896, 53.6018,
53.4892


385.8592,
400.5897, 417.2786

 37.4612, 38.2834,
37.8030


 92.7299, 95.4893,
96.7727

 25.7401, 26.2027,
25.5292


119.0725,
122.8272, 125.2070

 16.7609, 16.9754,
16.2492


149.9838,
154.9404, 158.7279

 10.1584, 10.2169,
9.5444

185.8292,
192.2133, 197.7538

 5.5672, 5.5430,
4.9963

226.9741,
235.0303, 242.7033

 2.6219, 2.5693,
2.1864

273.7839,

 0.9571, 0.9112,

283.7758, 293.9949

0.6665

326.6238,
338.8341, 352.0471

■ 0.0000, 0.0000,
0.0000

■ 52.2896, 53.6018,
53.4892

■ 52.2896, 53.6018,
53.4892

■ 47.3896, 47.0041,
41.9824

■ 57.7916, 60.9077,
66.7225

■ 43.0660, 41.0863,
32.1269

■ 63.9111, 68.9351,
81.7462

■ 39.2978, 35.8281,
23.8472

■ 70.6688, 77.7060,
98.6253

■ 36.0609, 31.2058,
17.0605

■ 76.1579, 86.4692,
107.2840

■ 33.3295, 27.1942,
11.6762

■ 78.7121, 91.5775,
108.1354

■ 31.0753, 23.7662,
7.5939

■ 29.2668, 20.8926,
4.6995

■ 27.8680, 18.5408,
2.8589

■ 26.8243, 16.6696,
1.8440

Harmonies

Analogous

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



53.0025, 53.6018, 55.9588



52.2896, 53.6018, 53.4892



51.2244, 53.6018, 52.3333

Triad

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



52.2896, 53.6018, 53.4892



48.7955, 53.6018, 57.5737



51.8030, 53.6018, 64.3677

Complementary

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



52.2896, 53.6018, 53.4892



51.1006, 55.0610, 65.0618

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.



50.6705, 53.6018, 64.8394



52.2896, 53.6018, 53.4892



48.9452, 53.6018, 60.8356

Square

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



52.2896, 53.6018, 53.4892



49.2153, 53.6018, 54.6336



49.6274, 53.6018, 63.5247



52.7186, 53.6018, 62.2589

Rectangle

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



52.2896, 53.6018, 53.4892



50.4623, 53.6018, 52.4317



49.6274, 53.6018, 63.5247



51.4346, 53.6018, 64.7261

Sweetspot

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



52.2911, 53.6042, 53.4903



92.1959, 96.2237, 101.9929



52.4791, 51.6271, 60.8074



19.5739, 20.3838, 21.4454



0.0000, 0.0000, 0.0000



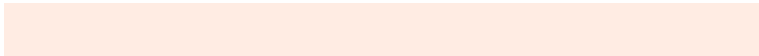
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2911, 53.6042, 53.4903



85.0400, 86.6869, 84.8870



54.3600, 57.7420, 54.1800



11.4968, 11.7826, 11.7478



16.9183, 10.5696, 1.1485



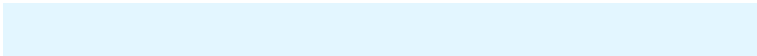
0.9411, 0.6819, 0.0820

Inverse Universe

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



51.1006, 55.0610, 65.0618



82.7101, 89.5373, 107.5309



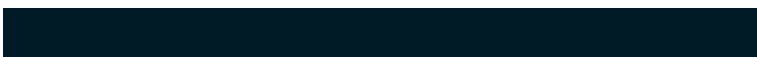
49.0620, 50.9839, 64.3823



11.2327, 12.1058, 14.3150



12.8070, 14.6380, 38.1067



0.7269, 0.8876, 1.9880

Previews

White Background



This preview shows how the XYZ color 52.2896, 53.6018, 53.4892 looks on a white background.

Color Contrast Check

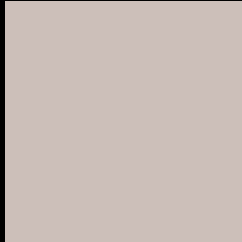
Large Text (above 18pt) WCAG AA × Fail

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 52.2896, 53.6018, 53.4892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

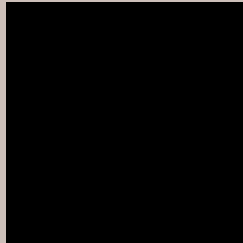
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2896, 53.6018, 53.4892

Background



This preview shows how black text looks on a background with the XYZ color 52.2896, 53.6018, 53.4892.



This preview shows how white text looks on a background with the XYZ color 52.2896, 53.6018,

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

52.2896, 53.6018, 53.4892

Protanopia

51.4861, 53.8272, 54.1305

Deuteranopia

54.6576, 53.5329, 53.9065



Tritanopia

54.4948, 53.5436, 63.9627

Trichromacy



Original Color

52.2896, 53.6018, 53.4892

Protanomaly

51.8000, 53.6620, 54.0820

Deuteranomaly

53.7101, 53.3605, 53.9232

Tritanomaly

53.6150, 53.5025, 59.7258

Monochromacy



Original Color

52.2896, 53.6018, 53.4892

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.7626, 53.9073, 56.9672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2896, 53.6018, 53.4892 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(204, 191, 185)` looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 185)  
}
```

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(204, 191, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 185) }
```

Border

The CSS property to change the border of an element to XYZ 52.2896, 53.6018, 53.4892 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(204, 191, 185) }
```


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

```
.border{ border-color:rgb(204, 191, 185) }
```

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

Here you see how a box with a 4 pixel rgb(204, 191, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 185);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2896, 53.6018, 53.4892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 185) }
```

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

```
.background{ background-color: rgb(204,  
191, 185) }
```

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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