

Converting Colors

XYZ(53.6304, 58.5303, 42.5631)

Have a look what the booklet for
XYZ(53.6304, 58.5303, 42.5631)
contains.

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Color

**XYZ(53.6096, 58.5859,
42.6651)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCBA2
RGB	207, 203, 162
RGB Percent	81%, 80%, 64%
CMY	0.1882, 0.2039, 0.3647
CMYK	0.00, 0.02, 0.22, 0.19
HSL	55°, 32%, 72%
HSV	55°, 22%, 81%
XYZ	53.6096, 58.5859, 42.6651
YIQ	199.5220, 15.5450, -11.9030

Conversions

Conversions Part 2

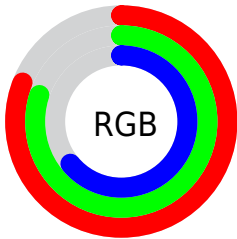
Format	Color
R_{YB}	166, 207, 162
Decimal	13618082
CIE Lab	81.06, -5.26, 21.00
CIE LCh	81, 21.647, 104.067
Yxy	58.5859, 0.3462, 0.3783
Android (android.graphics.Color)	4291808162 (0xFFCFCBA2)
YUV	199.5220, -18.4983, 6.5582
Hunter-Lab	76.5414, -8.9261, 20.5300

Details

The XYZ color **53.6096, 58.5859, 42.6651** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.7988, 39.4578, 64.5501**, and the grayscale version is **54.7105, 57.5597, 62.6825**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **26.5108, 29.2961, 19.0093** is the 20% darker color. If you saturate the color by 10%, you get **51.4881, 57.0490, 33.6150**, and if you desaturate by 10%, it is **56.0422, 60.2595, 53.3147**.

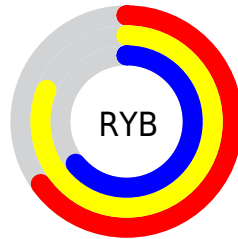
Distribution



Red (81%)

Green (80%)

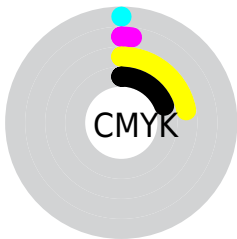
Blue (64%)



Red (65%)

Yellow (81%)

Blue (64%)

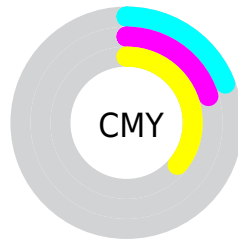


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (19%)



Cyan (19%)


Magenta (20%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6096, 58.5859, 42.6651 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 53.6096, 58.5859, 42.6651 by changing the saturation by 10% instead.


 53.6096, 58.5859,
42.6651


 53.6096, 58.5859,
42.6651


390.8422,
419.3656, 373.1133

 38.5191, 42.2799,
29.2930


 94.6610, 102.7756,
80.4862

 26.5648, 29.3205,
19.0551


 121.3527,
131.4280, 105.7722

 17.3816, 19.3234,
11.5329


152.6420,
164.9647, 135.8666

 10.6039, 11.9042,
6.3078

188.8944,
203.7700, 171.1879

 5.8665, 6.6785,
2.9613

230.4753,
248.2283, 212.1547

 2.8039, 3.2618,
1.0749

277.7500,

 1.0509, 1.2699,

298.7241, 259.1856

0.0000

331.0839,
355.6418, 312.6989

0.0000, 0.1177,
0.0000

0.0000, 0.0000,
0.0000

53.6096, 58.5859,
42.6651

53.6096, 58.5859,
42.6651

51.4881, 57.0490,
33.6150

56.0422, 60.2595,
53.3147

49.6584, 55.6350,
26.0827

58.7952, 62.0675,
65.6327

48.1059, 54.3400,
19.9849

61.8831, 64.0178,
79.6885

46.8129, 53.1570,
15.2287

65.3180, 66.1152,
95.5466

■ 45.7598, 52.0781,
11.7105

■ 67.3742, 67.6694,
104.1182

■ 44.9239, 51.0941,
9.3114

■ 67.8368, 68.5946,
104.2724

■ 44.2782, 50.1943,
7.8893

■ 68.3046, 69.5303,
104.4284

■ 43.8488, 49.4986,
7.2431

■ 68.7777, 70.4765,
104.5861

■ 69.2561, 71.4333,
104.7456

Harmonies

Analogous

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



58.0907, 58.5859, 42.8249



53.6096, 58.5859, 42.6651



49.8864, 58.5859, 47.6055

Triad

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



53.6096, 58.5859, 42.6651



49.7016, 58.5859, 82.6019



64.4159, 58.5859, 70.8295

Complementary

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



53.6096, 58.5859, 42.6651



39.7988, 39.4578, 64.5501

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.



61.9146, 58.5859, 83.2809



53.6096, 58.5859, 42.6651



53.3450, 58.5859, 90.6767

Square

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



53.6096, 58.5859, 42.6651



47.7137, 58.5859, 69.9979



57.8115, 58.5859, 90.9407



64.4962, 58.5859, 57.9606

Rectangle

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



53.6096, 58.5859, 42.6651



48.2671, 58.5859, 53.5655



57.8115, 58.5859, 90.9407



63.8245, 58.5859, 75.2395

Sweetspot

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



53.6111, 58.5885, 42.6663



91.8045, 97.8963, 94.2930



45.5819, 41.8783, 41.9990



19.5927, 20.9161, 19.9268



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.



53.6111, 58.5885, 42.6663



84.3037, 92.7429, 61.4314



49.8211, 58.0534, 42.7628



12.7100, 13.6106, 12.5693



27.6624, 31.2578, 4.5754



1.5736, 1.8015, 0.2648

Inverse Universe

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



39.7988, 39.4578, 64.5501



58.3844, 56.8455, 102.5028



43.0058, 40.0497, 64.4954



11.2469, 11.5840, 14.8868



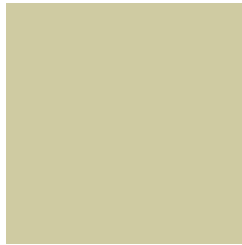
7.2659, 3.1783, 37.4230



0.4361, 0.2373, 2.1024

Previews

White Background



This preview shows how the XYZ color 53.6096, 58.5859, 42.6651 looks on a white background.

Color Contrast Check

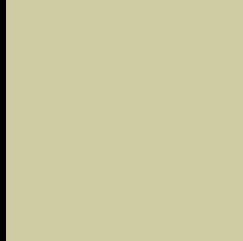
Large Text (above 18pt) WCAG AA × Fail

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 53.6096, 58.5859, 42.6651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

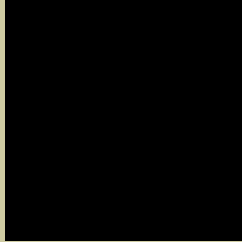
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

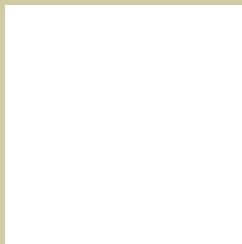
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6096, 58.5859, 42.6651

Background



This preview shows how black text looks on a background with the XYZ color 53.6096, 58.5859, 42.6651.



This preview shows how white text looks on a background with the XYZ color 53.6096, 58.5859,

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

53.6096, 58.5859, 42.6651

Protanopia

55.0512, 58.6426, 42.1359

Deuteranopia

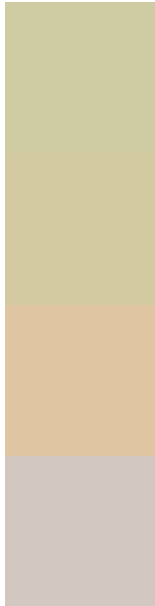
59.7025, 58.3127, 43.2308



Tritanopia

59.0642, 58.3795, 70.4427

Trichromacy



Original Color

53.6096, 58.5859, 42.6651

Protanomaly

54.4175, 58.6632, 42.1732

Deuteranomaly

57.3176, 58.4241, 42.9064

Tritanomaly

57.0250, 58.5908, 59.3425

Monochromacy



Original Color

53.6096, 58.5859, 42.6651

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.3782, 58.0150, 54.7863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6096, 58.5859, 42.6651 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(207, 203, 162)` looks like.

```
.text, #text, p{  
    color:rgb(207, 203, 162)  
}
```

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(207, 203, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 203, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.6096, 58.5859, 42.6651 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(207, 203, 162) }
```


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

```
.border{ border-color:rgb(207, 203, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 203, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 203, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 203, 162);  
box-shadow:4px 4px 4px 4px rgb(207, 203,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6096, 58.5859, 42.6651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 203, 162) }
```

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

```
.background{ background-color: rgb(207,  
203, 162) }
```

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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