

Converting Colors

XYZ(53.4402, 56.3777, 46.5948)

Have a look what the booklet for
XYZ(53.4402, 56.3777, 46.5948)
contains.

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Color

**XYZ(53.3294, 56.2827,
46.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C5AB
RGB	208, 197, 171
RGB Percent	82%, 77%, 67%
CMY	0.1843, 0.2274, 0.3294
CMYK	0.00, 0.05, 0.18, 0.18
HSL	42°, 28%, 74%
HSV	42°, 18%, 82%
XYZ	53.3294, 56.2827, 46.5810
YIQ	197.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

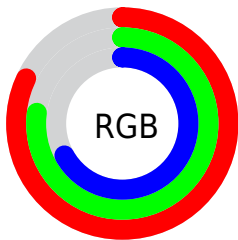
Format	Color
RYB	187, 208, 171
Decimal	13682091
CIELab	79.77, -0.43, 14.43
CIELCh	80, 14.435, 91.693
Yxy	56.2827, 0.3414, 0.3603
Android (android.graphics.Color)	4291872171 (0xFFD0C5AB)
YUV	197.3250, -12.9782, 9.3620
Hunter-Lab	75.0218, -4.4010, 15.7021

Details

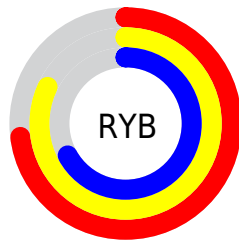
The XYZ color **53.3294, 56.2827, 46.5810** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.9076, 46.6669, 66.3157**, and the grayscale version is **53.3383, 56.1161, 61.1104**.

A 20% lighter version of the original color is **90.4093, 97.6346, 86.0318**, and **26.2891, 27.7491, 21.4233** is the 20% darker color. If you saturate the color by 10%, you get **50.1263, 52.8033, 36.4895**, and if you desaturate by 10%, it is **56.9051, 60.0071, 58.3374**.

Distribution



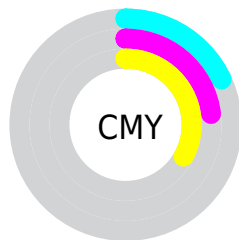
- Red (82%)
- Green (77%)
- Blue (67%)



- Red (73%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3294, 56.2827, 46.5810 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 53.3294, 56.2827, 46.5810 by changing the saturation by 10% instead.

■ 53.3294, 56.2827,
46.5810

■ 53.3294, 56.2827,
46.5810

389.7878,
410.7560, 389.4848

■ 38.2943, 40.4296,
32.3526

■ 94.2516, 99.4178,
86.4313

■ 26.3895, 27.8737,
21.3639

120.8694,
127.4686, 112.8902

■ 17.2494, 18.2305,
13.1964

152.0788,
160.3541, 144.2630

■ 10.5089, 11.1156,
7.4316

188.2452,
198.4587, 180.9683

■ 5.8025, 6.1446,
3.6510

229.7340,
242.1668, 223.4246

■ 2.7649, 2.9332,
1.4359

276.9104,

■ 1.0307, 1.0970,

291.8628, 272.0504

0.1695

330.1399,
347.9311, 327.2643

■ 0.0000, 0.0000,
0.0000

■ 53.3294, 56.2827,
46.5810

■ 53.3294, 56.2827,
46.5810

■ 50.1263, 52.8033,
36.4895

■ 56.9051, 60.0071,
58.3374

■ 47.2761, 49.5541,
27.9823

■ 60.8632, 63.9757,
71.8268

■ 44.7638, 46.5301,
20.9777

■ 65.2187, 68.1974,
87.1181

■ 42.5716, 43.7228,
15.3850

■ 69.9843, 72.6784,
104.2753

■ 40.6798, 41.1234,
11.1039

■ 71.7819, 76.0686,
105.5071

■ 39.0661, 38.7215,
8.0206

■ 73.5122, 79.5291,
106.0839

■ 37.7044, 36.5058,
6.0016

■ 75.3038, 83.1124,
106.6811

■ 36.5579, 34.4601,
4.8568

■ 77.1575, 86.8197,
107.2990

■ 36.3203, 34.0253,
4.6532

■ 79.0738, 90.6523,
107.9378

Harmonies

Analogous

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



56.2004, 56.2827, 48.1940



53.3294, 56.2827, 46.5810



50.6007, 56.2827, 48.5997

Triad

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



53.3294, 56.2827, 46.5810



48.8609, 56.2827, 70.1192



58.5892, 56.2827, 69.2234

Complementary

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



53.3294, 56.2827, 46.5810



44.9076, 46.6669, 66.3157

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.



56.4976, 56.2827, 75.9991



53.3294, 56.2827, 46.5810



50.8779, 56.2827, 76.5485

Square

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



53.3294, 56.2827, 46.5810



48.0797, 56.2827, 61.7583



53.6610, 56.2827, 78.7908



59.3024, 56.2827, 60.8087

Rectangle

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



53.3294, 56.2827, 46.5810



49.2113, 56.2827, 51.8503



53.6610, 56.2827, 78.7908



58.0203, 56.2827, 71.7939

Sweetspot

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



53.3309, 56.2852, 46.5822



91.8677, 96.8120, 98.0460



49.0298, 45.9180, 50.5898



19.5705, 20.6276, 20.6717



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.



53.3309, 56.2852, 46.5822



82.7273, 87.2815, 68.0231



53.8871, 60.4147, 47.3500



12.4944, 13.1796, 12.4974



22.7243, 21.3817, 2.9294



1.3379, 1.3302, 0.1862

Inverse Universe

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



44.9076, 46.6669, 66.3157



67.1654, 69.5136, 104.4852



44.4008, 43.1931, 65.6719



11.4460, 11.9822, 14.9532



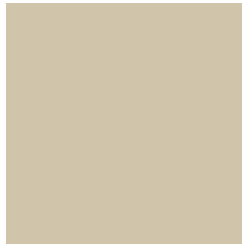
8.2372, 5.1209, 37.7468



0.5297, 0.4247, 2.1336

Previews

White Background



This preview shows how the XYZ color 53.3294, 56.2827, 46.5810 looks on a white background.

Color Contrast Check

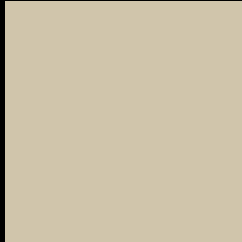
Large Text (above 18pt) WCAG AA × Fail

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 53.3294, 56.2827, 46.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

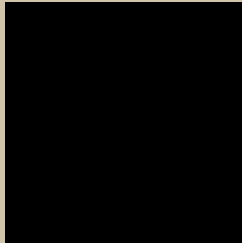
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3294, 56.2827, 46.5810

Background



This preview shows how black text looks on a background with the XYZ color 53.3294, 56.2827, 46.5810.



This preview shows how white text looks on a background with the XYZ color 53.3294, 56.2827,

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

53.3294, 56.2827, 46.5810

Protanopia

53.0491, 56.1382, 46.5678

Deuteranopia

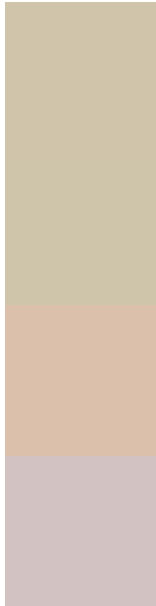
57.2239, 55.9742, 46.8178



Tritanopia

57.5527, 56.3504, 66.8748

Trichromacy



Original Color

53.3294, 56.2827, 46.5810

Protanomaly

53.0491, 56.1382, 46.5678

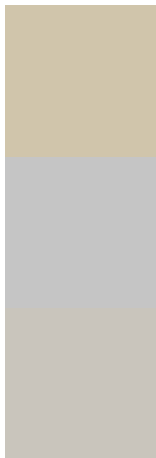
Deuteranomaly

55.7298, 56.1786, 46.9360

Tritanomaly

55.8934, 56.3275, 58.9653

Monochromacy



Original Color

53.3294, 56.2827, 46.5810

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1307, 55.9809, 55.5820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3294, 56.2827, 46.5810 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(208, 197, 171)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 171)  
}
```

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(208, 197, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 171) }
```

Border

The CSS property to change the border of an element to XYZ 53.3294, 56.2827, 46.5810 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(208, 197, 171) }
```


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

```
.border{ border-color:rgb(208, 197, 171) }
```

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

Here you see how a box with a 4 pixel rgb(208, 197, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 171);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3294, 56.2827, 46.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 171) }
```

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

```
.background{ background-color: rgb(208,  
197, 171) }
```

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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