

Converting Colors

XYZ(43.6653, 47.0528, 26.1163)

Have a look what the booklet for
XYZ(43.6653, 47.0528, 26.1163)
contains.

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Color

**XYZ(43.4556, 46.8069,
26.1463)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B67D
RGB	197, 182, 125
RGB Percent	77%, 71%, 49%
CMY	0.2275, 0.2863, 0.5098
CMYK	0.00, 0.08, 0.37, 0.23
HSL	48°, 38%, 63%
HSV	48°, 37%, 77%
XYZ	43.4556, 46.8069, 26.1463
YIQ	179.9870, 27.2370, -14.5470

Conversions

Conversions Part 2

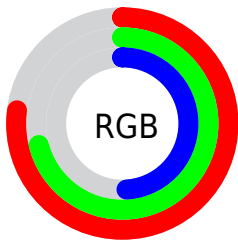
Format	Color
RYB	144, 197, 125
Decimal	12957309
CIELab	74.07, -3.03, 30.97
CIElCh	74, 31.122, 95.584
Yxy	46.8069, 0.3733, 0.4021
Android (android.graphics.Color)	4291147389 (0xFFC5B67D)
YUV	179.9870, -27.1086, 14.9204
Hunter-Lab	68.4156, -6.3492, 25.2321

Details

The XYZ color **43.4556, 46.8069, 26.1463** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.9134, 27.1466, 56.5920**, and the grayscale version is **43.5071, 45.7729, 49.8467**.

A 20% lighter version of the original color is **79.8504, 85.6234, 54.4379**, and **20.2756, 21.9593, 9.8265** is the 20% darker color. If you saturate the color by 10%, you get **41.4923, 44.6984, 19.8868**, and if you desaturate by 10%, it is **45.6955, 49.0688, 33.7305**.

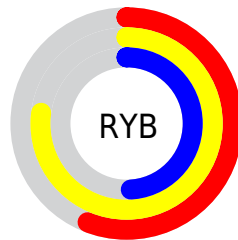
Distribution



Red (77%)

Green (71%)

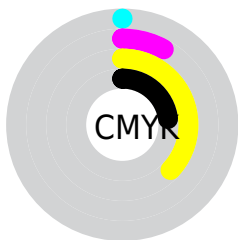
Blue (49%)



Red (56%)

Yellow (77%)

Blue (49%)

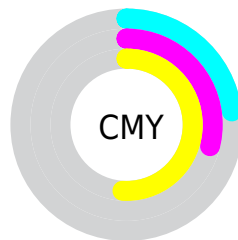


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4556, 46.8069, 26.1463 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 43.4556, 46.8069, 26.1463 by changing the saturation by 10% instead.

■ 43.4556, 46.8069,
26.1463

■ 43.4556, 46.8069,
26.1463

351.3719,
374.0432, 297.1278

■ 30.4388, 32.8830,
16.7064

■ 79.6494, 85.4253,
54.4978

■ 20.3216, 22.0369,
9.8656

■ 103.5571,
110.8886, 74.2466

■ 12.7387, 13.8840,
5.2055

■ 131.8258,
140.9673, 98.2686

■ 7.3246, 8.0400,
2.3075

164.8208,
176.0455, 126.9825

■ 3.7140, 4.1206,
0.7354

202.9076,
216.5079, 160.8069

■ 1.5417, 1.7412,
0.0000

246.4515,

■ 0.3539, 0.4501,

262.7387, 200.1602

0.0000

295.8178,
315.1223, 245.4610

■ 0.0000, 0.0000,
0.0000

■ 43.4556, 46.8069,
26.1463

■ 43.4556, 46.8069,
26.1463

■ 41.4923, 44.6984,
19.8868

■ 45.6955, 49.0688,
33.7305

■ 39.7870, 42.7305,
14.8710

■ 48.2224, 51.4836,
42.7082

■ 38.3243, 40.8983,
11.0133

■ 51.0501, 54.0587,
53.1471

■ 37.0856, 39.1941,
8.2163

■ 54.1908, 56.7994,
65.1094

■ 36.0489, 37.6088,
6.3662

■ 57.6557, 59.7105,
78.6538

■ 35.1859, 36.1306,
5.3147

■ 61.4556, 62.7965,
93.8358

■ 34.9096, 35.6376,
5.0388

■ 64.3021, 65.5425,
103.8696

■ 65.3327, 67.6038,
104.2132

■ 66.3895, 69.7174,
104.5654

Harmonies

Analogous

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



49.0595, 46.8069, 27.8449



43.4556, 46.8069, 26.1463



38.5485, 46.8069, 29.8854

Triad

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



43.4556, 46.8069, 26.1463



36.3420, 46.8069, 70.9556



54.9596, 46.8069, 64.7096

Complementary

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



43.4556, 46.8069, 26.1463



27.9134, 27.1466, 56.5920

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.



51.0094, 46.8069, 80.1678



43.4556, 46.8069, 26.1463



40.2107, 46.8069, 84.2684

Square

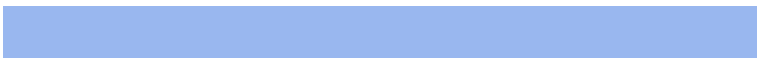
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.4556, 46.8069, 26.1463



34.6669, 46.8069, 54.0048



45.5377, 46.8069, 87.9495



56.0095, 46.8069, 48.0410

Rectangle

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



43.4556, 46.8069, 26.1463



36.2329, 46.8069, 35.5333



45.5377, 46.8069, 87.9495



53.9117, 46.8069, 70.3199

Sweetspot

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



43.4568, 46.8090, 26.1473



89.0228, 94.6524, 86.2146



35.1379, 28.4493, 28.6834



18.9058, 20.1239, 17.9051



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.



43.4568, 46.8090, 26.1473



74.9360, 80.7435, 37.5427



41.7087, 50.7135, 26.9930



11.3291, 12.0274, 11.2872



23.0233, 23.5637, 3.3348



1.1387, 1.2128, 0.1741

Inverse Universe

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



27.9134, 27.1466, 56.5920



43.0098, 40.3753, 100.1341



29.1598, 24.7552, 56.0647



10.2327, 10.6395, 13.4318



7.2005, 3.7950, 35.0974



0.3946, 0.2870, 1.6797

Previews

White Background



This preview shows how the XYZ color 43.4556, 46.8069, 26.1463 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 43.4556, 46.8069, 26.1463 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

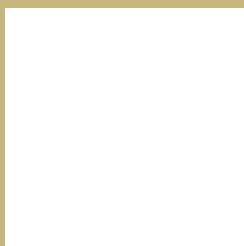
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4556, 46.8069, 26.1463

Background



This preview shows how black text looks on a background with the XYZ color 43.4556, 46.8069, 26.1463.



This preview shows how white text looks on a background with the XYZ color 43.4556, 46.8069,

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

43.4556, 46.8069, 26.1463

Protanopia

43.4556, 46.8069, 26.1463

Deuteranopia

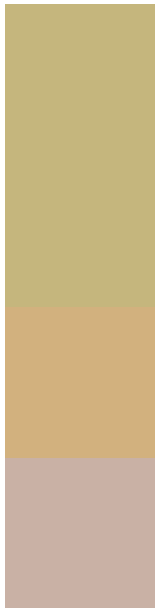
47.5821, 46.5561, 26.5571



Tritanopia

49.1150, 46.7403, 54.0101

Trichromacy



Original Color

43.4556, 46.8069, 26.1463

Protanomaly

43.4556, 46.8069, 26.1463

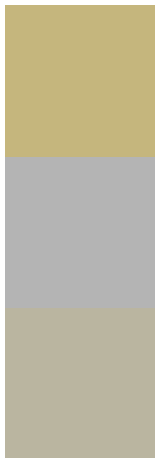
Deuteranomaly

46.0664, 46.6523, 26.3155

Tritanomaly

46.6011, 46.5784, 42.1317

Monochromacy



Original Color

43.4556, 46.8069, 26.1463

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.1187, 46.0249, 39.8688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4556, 46.8069, 26.1463 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(197, 182, 125)` looks like.

```
.text, #text, p{  
    color:rgb(197, 182, 125)  
}
```

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(197, 182, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 182, 125) }
```

Border

The CSS property to change the border of an element to XYZ 43.4556, 46.8069, 26.1463 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(197, 182, 125) }
```


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

```
.border{ border-color:rgb(197, 182, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 182, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 182, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 182, 125);  
box-shadow:4px 4px 4px 4px rgb(197, 182,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4556, 46.8069, 26.1463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 182, 125) }
```

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

```
.background{ background-color: rgb(197,  
182, 125) }
```

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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