

Converting Colors

XYZ(44.4603, 46.1334, 25.6301)

Have a look what the booklet for XYZ(44.4603, 46.1334, 25.6301) contains.

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Color

**XYZ(44.4603, 46.1334,
25.6301)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB27C
RGB	204, 178, 124
RGB Percent	80%, 70%, 49%
CMY	0.2000, 0.3019, 0.5137
CMYK	0.00, 0.13, 0.39, 0.20
HSL	41°, 44%, 64%
HSV	41°, 39%, 80%
XYZ	44.4603, 46.1334, 25.6301
YIQ	179.6180, 32.8300, -11.2820

Conversions

Conversions Part 2

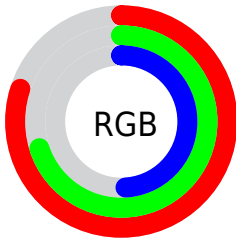
Format	Color
RYB	163, 204, 124
Decimal	13415036
CIELab	73.63, 1.79, 31.05
CIElCh	74, 31.101, 86.703
Yxy	46.1334, 0.3825, 0.3969
Android (android.graphics.Color)	4291605116 (0xFFCCB27C)
YUV	179.6180, -27.4197, 21.3830
Hunter-Lab	67.9216, -2.0197, 25.1721

Details

The XYZ color **44.4603, 46.1334, 25.6301** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.1172, 30.4563, 61.4179**, and the grayscale version is **43.3085, 45.5640, 49.6192**.

A 20% lighter version of the original color is **78.5986, 83.2800, 53.5270**, and **20.9096, 21.7120, 9.5673** is the 20% darker color. If you saturate the color by 10%, you get **42.0144, 43.0970, 19.0951**, and if you desaturate by 10%, it is **47.2391, 49.4083, 33.5938**.

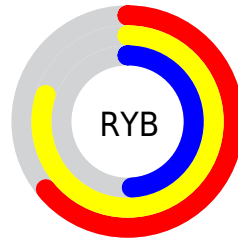
Distribution



Red (80%)

Green (70%)

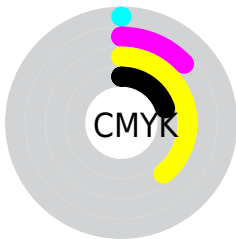
Blue (49%)



Red (64%)

Yellow (80%)

Blue (49%)

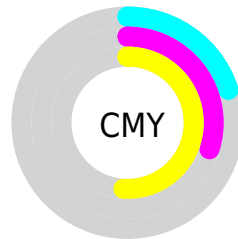


Cyan (0%)

Magenta (13%)

Yellow (39%)

Black (20%)



Cyan (20%)

Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4603, 46.1334, 25.6301 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 44.4603, 46.1334, 25.6301 by changing the saturation by 10% instead.

■ 44.4603, 46.1334,
25.6301

■ 44.4603, 46.1334,
25.6301

355.4039,
371.3447, 294.5090

■ 31.2320, 32.3511,
16.3238

■ 81.1520, 84.4186,
53.6543

■ 20.9283, 21.6298,
9.5968

■ 105.3461,
109.6903, 73.2094

■ 13.1837, 13.5851,
5.0303

■ 133.9262,
139.5606, 97.0178

■ 7.6331, 7.8327,
2.2060

167.2577,
174.4139, 125.4981

■ 3.9109, 3.9881,
0.6778

205.7058,
214.6345, 159.0688

■ 1.6518, 1.6669,
0.0000

249.6360,

■ 0.4258, 0.4021,

260.6069, 198.1485

0.0000

299.4136,
312.7155, 243.1557

■ 0.0000, 0.0000,
0.0000

■ 44.4603, 46.1334,
25.6301

■ 44.4603, 46.1334,
25.6301

■ 42.0144, 43.0970,
19.0951

■ 47.2391, 49.4083,
33.5938

■ 39.8806, 40.2844,
13.8983

■ 50.3635, 52.9231,
43.0635

■ 38.0407, 37.6884,
9.9433

■ 53.8494, 56.6873,
54.1142

■ 36.4726, 35.2988,
7.1194

■ 57.7108, 60.7077,
66.8152

■ 35.1509, 33.1038,
5.2962

■ 61.9608, 64.9911,
81.2316

■ 34.0325, 31.0847,
4.2522

■ 66.6119, 69.5435,
97.4248

■ 33.9491, 30.9319,
4.1811

■ 69.7168, 73.5875,
105.1371

■ 71.5376, 77.2289,
105.7440

■ 73.4286, 81.0110,
106.3743

Harmonies

Analogous

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



49.9225, 46.1334, 28.9077



44.4603, 46.1334, 25.6301



39.2600, 46.1334, 27.7176

Triad

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



44.4603, 46.1334, 25.6301



35.0524, 46.1334, 65.1290



53.3083, 46.1334, 68.7878

Complementary

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



44.4603, 46.1334, 25.6301



30.1172, 30.4563, 61.4179

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.



48.7811, 46.1334, 82.4872



44.4603, 46.1334, 25.6301



38.2881, 46.1334, 80.0831

Square

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



44.4603, 46.1334, 25.6301



34.1034, 46.1334, 48.5072



43.2422, 46.1334, 86.9992



55.2927, 46.1334, 51.9960

Rectangle

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



44.4603, 46.1334, 25.6301



36.5841, 46.1334, 32.1718



43.2422, 46.1334, 86.9992



52.0158, 46.1334, 74.0319

Sweetspot

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



44.4615, 46.1355, 25.6310



87.4185, 92.0028, 83.9566



37.6686, 29.4767, 32.8411



18.5452, 19.5142, 17.4413



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.



44.4615, 46.1355, 25.6310



70.1940, 72.1540, 33.2046



46.6332, 55.6741, 27.3577



11.8346, 12.4582, 11.8604



21.4557, 19.6444, 2.6609



1.1740, 1.1477, 0.1597

Inverse Universe

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



30.1172, 30.4563, 61.4179



43.2200, 42.6918, 100.5701



28.4784, 24.1221, 60.2817



10.8945, 11.4294, 14.2023



8.1726, 5.3692, 36.5619



0.4906, 0.4150, 1.9092

Previews

White Background



This preview shows how the XYZ color 44.4603, 46.1334, 25.6301 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 44.4603, 46.1334, 25.6301 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 44.4603, 46.1334, 25.6301

Background



This preview shows how black text looks on a background with the XYZ color 44.4603, 46.1334, 25.6301.



This preview shows how white text looks on a background with the XYZ color 44.4603, 46.1334,

25.6301.

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

44.4603, 46.1334, 25.6301

Protanopia

42.9905, 46.2642, 26.0661

Deuteranopia

46.9641, 45.9667, 25.7992



Tritanopia

49.6048, 45.9118, 51.5948

Trichromacy



Original Color

44.4603, 46.1334, 25.6301

Protanomaly

43.5761, 46.2653, 26.0354

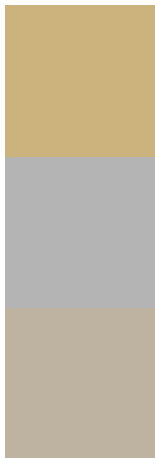
Deuteranomaly

46.1830, 46.1377, 25.8734

Tritanomaly

47.4776, 45.9057, 40.5408

Monochromacy



Original Color

44.4603, 46.1334, 25.6301

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.4515, 45.5971, 39.7687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4603, 46.1334, 25.6301 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, 178, 124)` looks like.

```
.text, #text, p{  
    color:rgb(204, 178, 124)  
}
```

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, 178, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 178, 124) }
```

Border

The CSS property to change the border of an element to XYZ 44.4603, 46.1334, 25.6301 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, 178, 124) }
```


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

```
.border{ border-color:rgb(204, 178, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 178, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 178, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 178, 124);  
box-shadow:4px 4px 4px 4px rgb(204, 178,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4603, 46.1334, 25.6301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 178, 124) }
```

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

```
.background{ background-color: rgb(204,  
178, 124) }
```

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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