

Converting Colors

XYZ(41.5206, 44.8219, 41.4385)

Have a look what the booklet for
XYZ(41.5206, 44.8219, 41.4385)
contains.

XYZ(41.6125, 44.9066, 41.5966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.6125, 44.9066,
41.5966)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B4A4
RGB	179, 180, 164
RGB Percent	70%, 71%, 64%
CMY	0.2980, 0.2941, 0.3569
CMYK	0.01, 0.00, 0.09, 0.29
HSL	64°, 10%, 67%
HSV	64°, 9%, 71%
XYZ	41.6125, 44.9066, 41.5966
YIQ	177.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

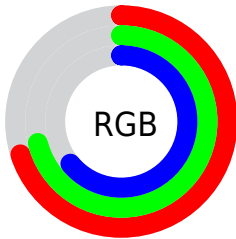
Format	Color
RYB	164, 180, 165
Decimal	11777188
CIELab	72.83, -3.23, 8.04
CIELCh	73, 8.659, 111.877
Yxy	44.9066, 0.3248, 0.3505
Android (android.graphics.Color)	4289967268 (0xFFB3B4A4)
YUV	177.8770, -6.8414, 0.9849
Hunter-Lab	67.0124, -6.4290, 10.1056

Details

The XYZ color **41.6125, 44.9066, 41.5966** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.0326, 37.8468, 48.5358**, and the grayscale version is **42.2863, 44.4885, 48.4479**.

A 20% lighter version of the original color is **77.0426, 82.7675, 78.9330**, and **19.1182, 20.7842, 18.3334** is the 20% darker color. If you saturate the color by 10%, you get **39.8412, 44.1695, 33.6202**, and if you desaturate by 10%, it is **43.6185, 45.7408, 50.7869**.

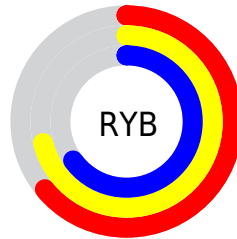
Distribution



Red (70%)

Green (71%)

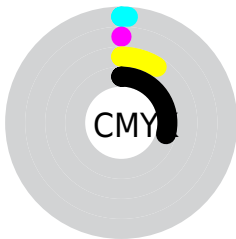
Blue (64%)



Red (64%)

Yellow (71%)

Blue (65%)

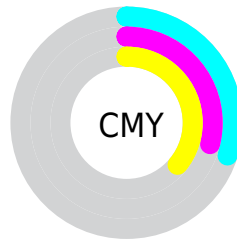


Cyan (1%)

Magenta (0%)

Yellow (9%)

Black (29%)



Cyan (30%)

Magenta (29%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6125, 44.9066, 41.5966 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 41.6125, 44.9066, 41.5966 by changing the saturation by 10% instead.

■ 41.6125, 44.9066,
41.5966

■ 41.6125, 44.9066,
41.5966

343.8931,
366.3952, 368.5582

■ 28.9878, 31.3839,
28.4623

■ 76.8817, 82.5802,
78.8522

■ 19.2158, 20.8913,
18.4324

■ 100.2568,
107.4999, 103.8107

■ 11.9312, 13.0446,
11.0882

127.9462,
136.9874, 133.5476

■ 6.7687, 7.4593,
6.0113

160.3150,
171.4270, 168.4815

■ 3.3629, 3.7509,
2.7830

197.7288,
211.2032, 209.0310

■ 1.3485, 1.5352,
0.9850

240.5529,

■ 0.2191, 0.3133,

256.7004, 255.6146

0.0000

289.1525,
308.3029, 308.6508

■ 0.0000, 0.0000,
0.0000

■ 41.6125, 44.9066,
41.5966

■ 41.6125, 44.9066,
41.5966

■ 39.8412, 44.1695,
33.6202

■ 43.6185, 45.7408,
50.7869

■ 38.2913, 43.5198,
26.8042

■ 45.8647, 46.6697,
61.2358

■ 36.9538, 42.9552,
21.0954

■ 48.3607, 47.6989,
72.9895

■ 35.8175, 42.4714,
16.4351

■ 51.1148, 48.8316,
86.0908

■ 34.8703, 42.0635,
12.7596

■ 54.1346, 50.0708,
100.5805

■ 34.0988, 41.7261,
9.9980

■ 54.5675, 50.2754,
101.4359

■ 33.4876, 41.4531,
8.0698

■ 54.8425, 50.4172,
101.4487

■ 33.0189, 41.2373,
6.8810

■ 55.1197, 50.5601,
101.4617

■ 32.6606, 41.0659,
6.2625

■ 55.3990, 50.7041,
101.4748

Harmonies

Analogous

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



43.0929, 44.9066, 41.1368



41.6125, 44.9066, 41.5966



40.4447, 44.9066, 43.9526

Triad

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



41.6125, 44.9066, 41.5966



40.9196, 44.9066, 55.7140



45.6136, 44.9066, 50.0769

Complementary

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



41.6125, 44.9066, 41.5966



37.0326, 37.8468, 48.5358

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.



45.0011, 44.9066, 54.1961



41.6125, 44.9066, 41.5966



42.2745, 44.9066, 57.5734

Square

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



41.6125, 44.9066, 41.5966



40.0512, 44.9066, 52.0512



43.7704, 44.9066, 57.0022



45.4263, 44.9066, 45.8703

Rectangle

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



41.6125, 44.9066, 41.5966



39.9891, 44.9066, 46.3611



43.7704, 44.9066, 57.0022



45.4939, 44.9066, 51.5209

Sweetspot

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



41.6137, 44.9086, 41.5976



77.5205, 82.2843, 84.8771



38.9438, 39.2230, 40.6409



16.6918, 17.7583, 18.0553



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.6137, 44.9086, 41.5976



74.6752, 81.1016, 71.9063



39.8620, 44.0055, 41.5156



9.1434, 9.8790, 9.0775



22.7887, 28.6581, 4.3305



0.7327, 0.9098, 0.1370

Inverse Universe

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



37.0326, 37.8468, 48.5358



64.3837, 65.2373, 87.4933



38.7045, 38.7087, 48.6141



8.0897, 8.2548, 10.6733



5.8699, 2.3618, 30.2835



0.2009, 0.0827, 0.9536

Previews

White Background



This preview shows how the XYZ color 41.6125, 44.9066, 41.5966 looks on a white background.

Color Contrast Check

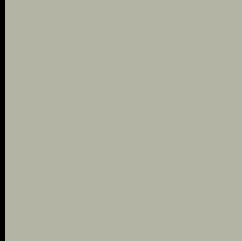
Large Text (above 18pt) WCAG AA × Fail

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 41.6125, 44.9066, 41.5966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

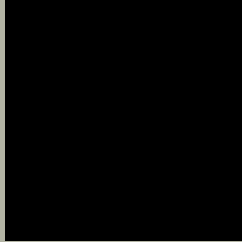
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6125, 44.9066, 41.5966

Background



This preview shows how black text looks on a background with the XYZ color 41.6125, 44.9066, 41.5966.



This preview shows how white text looks on a background with the XYZ color 41.6125, 44.9066,

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

41.6125, 44.9066, 41.5966

Protanopia

42.5388, 44.7994, 41.0554

Deuteranopia

45.7229, 44.6757, 42.2898



Tritanopia

44.3480, 44.8357, 55.0320

Trichromacy



Original Color

41.6125, 44.9066, 41.5966

Protanomaly

42.2594, 44.9518, 41.0996

Deuteranomaly

44.1138, 44.7140, 41.9029

Tritanomaly

43.3540, 44.7256, 50.0640

Monochromacy



Original Color

41.6125, 44.9066, 41.5966

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.0230, 44.7223, 45.9526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6125, 44.9066, 41.5966 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(179, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(179, 180, 164)  
}
```

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(179, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 180, 164) }
```

Border

The CSS property to change the border of an element to XYZ 41.6125, 44.9066, 41.5966 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(179, 180, 164) }
```


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

```
.border{ border-color:rgb(179, 180, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(179, 180,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6125, 44.9066, 41.5966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 180, 164) }
```

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

```
.background{ background-color: rgb(179,  
180, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor