

Converting Colors

XYZ(46.1069, 47.5681, 39.4424)

Have a look what the booklet for
XYZ(46.1069, 47.5681, 39.4424)
contains.

XYZ(46.0706, 47.5567, 39.5521)	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(46.0706, 47.5567,
39.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B59F
RGB	198, 181, 159
RGB Percent	78%, 71%, 62%
CMY	0.2235, 0.2902, 0.3765
CMYK	0.00, 0.09, 0.20, 0.22
HSL	34°, 25%, 70%
HSV	34°, 20%, 78%
XYZ	46.0706, 47.5567, 39.5521
YIQ	183.5750, 17.1940, -3.2380

Conversions

Conversions Part 2

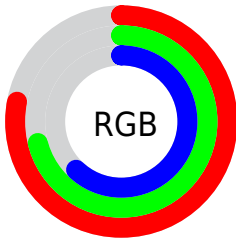
Format	Color
RYB	189, 198, 159
Decimal	13022623
CIELab	74.54, 2.49, 13.41
CIELCh	75, 13.637, 79.495
Yxy	47.5567, 0.3459, 0.3571
Android (android.graphics.Color)	4291212703 (0xFFC6B59F)
YUV	183.5750, -12.1155, 12.6507
Hunter-Lab	68.9614, -1.4330, 14.2678

Details

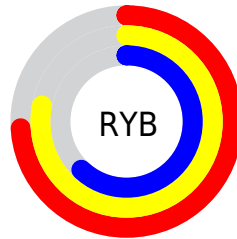
The XYZ color **46.0706, 47.5567, 39.5521** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.0163, 42.4979, 59.5203**, and the grayscale version is **45.3847, 47.7482, 51.9978**.

A 20% lighter version of the original color is **83.6618, 86.6834, 75.9405**, and **21.9275, 22.4503, 17.3650** is the 20% darker color. If you saturate the color by 10%, you get **42.7880, 43.5242, 30.6492**, and if you desaturate by 10%, it is **49.7397, 51.9209, 49.9429**.

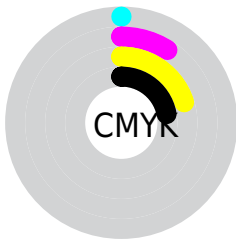
Distribution



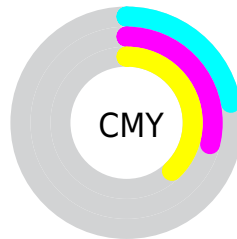
- Red (78%)
- Green (71%)
- Blue (62%)



- Red (74%)
- Yellow (78%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0706, 47.5567, 39.5521 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 46.0706, 47.5567, 39.5521 by changing the saturation by 10% instead.


 46.0706, 47.5567,
39.5521


 46.0706, 47.5567,
39.5521


361.8036,
377.0323, 359.7279

 32.5064, 33.4760,
26.8784


 83.5519, 86.5440,
75.7106

 21.9060, 22.4913,
17.2503


 108.1996,
112.2194, 100.0324

 13.9041, 14.2184,
10.2492


137.2726,
142.5284, 129.0741

 8.1352, 8.2727,
5.4568

171.1362,
177.8555, 163.2540

 4.2341, 4.2699,
2.4543

210.1558,
218.5850, 202.9908

 1.8354, 1.8257,
0.8158

254.6966,

 0.5389, 0.5031,

265.1014, 248.7031

0.0000

305.1241,
317.7890, 300.8092

■ 0.0000, 0.0000,
0.0000

■ 46.0706, 47.5567,
39.5521

■ 46.0706, 47.5567,
39.5521

■ 42.7880, 43.5242,
30.6492

■ 49.7397, 51.9209,
49.9429

■ 39.8731, 39.8079,
23.1616

■ 53.8056, 56.6192,
61.8834

■ 37.3109, 36.4003,
17.0151

■ 58.2829, 61.6619,
75.4357

■ 35.0840, 33.2911,
12.1277

■ 63.1843, 67.0570,
90.6576

■ 33.1730, 30.4691,
8.4079

■ 68.0346, 72.6173,
105.0385

■ 31.5561, 27.9221,
5.7518

■ 70.4149, 77.3780,
105.8319

■ 30.2080, 25.6362,
4.0369

■ 72.9147, 82.3775,
106.6652

■ 29.0835, 23.5898,
3.0377

■ 75.5355, 87.6192,
107.5388

■ 29.0513, 23.5308,
3.0107

■ 77.0989, 90.7459,
108.0599

Harmonies

Analogous

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



48.3491, 47.5567, 42.1336



46.0706, 47.5567, 39.5521



43.6384, 47.5567, 40.0139

Triad

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



46.0706, 47.5567, 39.5521



40.8802, 47.5567, 56.4430



48.9004, 47.5567, 61.1044

Complementary

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



46.0706, 47.5567, 39.5521



40.0163, 42.4979, 59.5203

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.



46.8009, 47.5567, 65.6551



46.0706, 47.5567, 39.5521



42.1930, 47.5567, 62.7993

Square

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



46.0706, 47.5567, 39.5521



40.7007, 47.5567, 49.3463



44.3428, 47.5567, 66.3021



50.0218, 47.5567, 54.2948

Rectangle

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



46.0706, 47.5567, 39.5521



42.2542, 47.5567, 41.9997



44.3428, 47.5567, 66.3021



48.2822, 47.5567, 62.9743

Sweetspot

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



46.0719, 47.5588, 39.5531



90.5933, 94.8728, 95.7421



43.5784, 39.9591, 46.7768



19.2903, 20.1901, 20.1996



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.



46.0719, 47.5588, 39.5531



78.7892, 80.8141, 62.3673



49.2305, 54.6343, 40.7523



11.1220, 11.6132, 11.2181



18.9791, 15.4754, 1.9867



0.9698, 0.8750, 0.1178

Inverse Universe

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



40.0163, 42.4979, 59.5203



65.9638, 70.0968, 104.6611



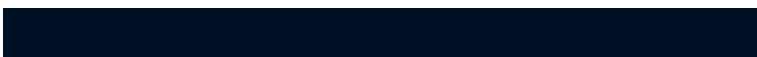
37.2797, 36.4461, 58.4964



10.4306, 11.0352, 13.4977



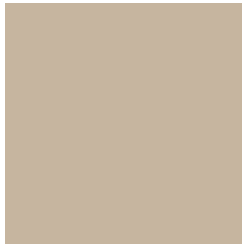
8.8898, 7.1736, 35.6605



0.4927, 0.4832, 1.7124

Previews

White Background



This preview shows how the XYZ color 46.0706, 47.5567, 39.5521 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 46.0706, 47.5567, 39.5521 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

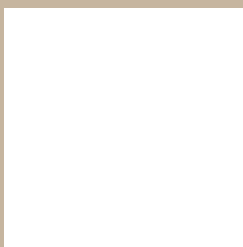
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.0706, 47.5567, 39.5521

Background



This preview shows how black text looks on a background with the XYZ color 46.0706, 47.5567, 39.5521.



This preview shows how white text looks on a background with the XYZ color 46.0706, 47.5567,

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

46.0706, 47.5567, 39.5521

Protanopia

45.0169, 47.6115, 40.0750

Deuteranopia

48.6456, 47.6840, 39.8977



Tritanopia

49.1767, 47.3249, 55.2579

Trichromacy



Original Color

46.0706, 47.5567, 39.5521

Protanomaly

45.3212, 47.4633, 40.0304

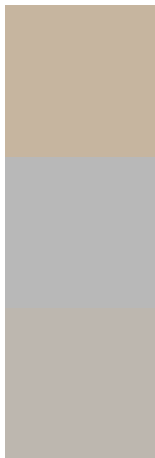
Deuteranomaly

47.7192, 47.5007, 39.9112

Tritanomaly

48.1445, 47.5130, 49.2813

Monochromacy



Original Color

46.0706, 47.5567, 39.5521

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.6576, 47.7809, 47.3737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0706, 47.5567, 39.5521 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(198, 181, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 181, 159)  
}
```

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(198, 181, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 181, 159) }
```

Border

The CSS property to change the border of an element to XYZ 46.0706, 47.5567, 39.5521 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(198, 181, 159) }
```


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

```
.border{ border-color:rgb(198, 181, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 181, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 181, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 181, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 181,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0706, 47.5567, 39.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 181, 159) }
```

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

```
.background{ background-color: rgb(198,  
181, 159) }
```

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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