

Converting Colors

XYZ(39.7156, 46.5473, 20.8012)

Have a look what the booklet for
XYZ(39.7156, 46.5473, 20.8012)
contains.

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Color

**XYZ(39.7156, 46.5473,
20.8012)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BB6B
RGB	182, 187, 107
RGB Percent	71%, 73%, 42%
CMY	0.2863, 0.2666, 0.5804
CMYK	0.03, 0.00, 0.43, 0.27
HSL	64°, 37%, 58%
HSV	64°, 43%, 73%
XYZ	39.7156, 46.5473, 20.8012
YIQ	176.3850, 22.7000, -25.9400

Conversions

Conversions Part 2

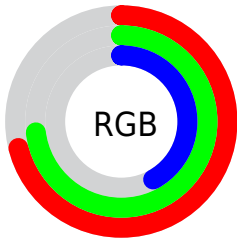
Format	Color
RYB	107, 187, 112
Decimal	11975531
CIELab	73.90, -13.69, 39.81
CIELCh	74, 42.100, 108.980
Yxy	46.5473, 0.3710, 0.4348
Android (android.graphics.Color)	4290165611 (0xFFB6BB6B)
YUV	176.3850, -34.2068, 4.9244
Hunter-Lab	68.2256, -15.4860, 29.6811

Details

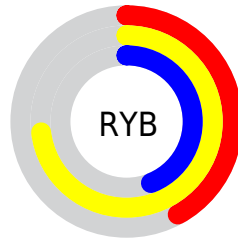
The XYZ color **39.7156, 46.5473, 20.8012** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.9111, 17.5491, 49.3017**, and the grayscale version is **41.6337, 43.8019, 47.7003**.

A 20% lighter version of the original color is **73.9924, 84.9900, 45.7626**, and **18.1657, 21.9348, 7.1473** is the 20% darker color. If you saturate the color by 10%, you get **38.5616, 46.0556, 16.1554**, and if you desaturate by 10%, it is **41.0870, 47.1296, 26.5696**.

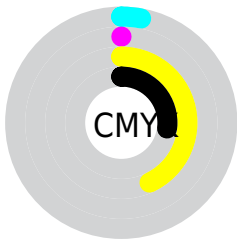
Distribution



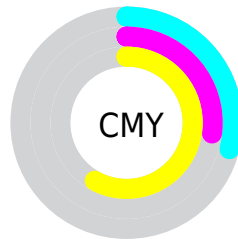
- Red (71%)
- Green (73%)
- Blue (42%)



- Red (42%)
- Yellow (73%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (43%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7156, 46.5473, 20.8012 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 39.7156, 46.5473, 20.8012 by changing the saturation by 10% instead.

■ 39.7156, 46.5473,
20.8012

■ 39.7156, 46.5473,
20.8012

336.0784,
373.0046, 268.9663

■ 27.5001, 32.6779,
12.7889

■ 74.0173, 85.0375,
45.6329

■ 18.0877, 21.8798,
7.1544

■ 96.8343, 110.4271,
63.2895

■ 11.1130, 13.7686,
3.4789

■ 123.9158,
140.4256, 84.9979

■ 6.2108, 7.9599,
1.3441

■ 155.6271,
175.4173, 111.1766

■ 3.0155, 4.0693,
0.0975

192.3337,
215.7866, 142.2443

■ 1.1620, 1.7124,
0.0000

234.4009,

■ 0.0760, 0.4317,

261.9181, 178.6195

0.0000

282.1940,
314.1959, 220.7206

■ 0.0000, 0.0000,
0.0000

■ 39.7156, 46.5473,
20.8012

■ 39.7156, 46.5473,
20.8012

■ 38.5616, 46.0556,
16.1554

■ 41.0870, 47.1296,
26.5696

■ 37.6077, 45.6425,
12.5563

■ 42.6850, 47.8011,
33.5242

■ 36.8395, 45.3040,
9.9234


■ 44.5223, 48.5686,
41.7272


■ 36.2394, 45.0329,
8.1630


■ 46.6099, 49.4365,
51.2355


■ 35.7858, 44.8208,
7.1630

■ 48.9578, 50.4088,
62.1029

 35.5193, 44.6922,
6.7544

 51.5757, 51.4893,
74.3797

 54.4726, 52.6818,
88.1139

 57.3977, 53.8857,
101.9835

 57.6938, 54.0384,
101.9974

Harmonies

Analogous

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



47.0558, 46.5473, 19.9924



39.7156, 46.5473, 20.8012



34.2296, 46.5473, 28.1221

Triad

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



39.7156, 46.5473, 20.8012



35.4364, 46.5473, 88.6622



59.9591, 46.5473, 58.9931

Complementary

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



39.7156, 46.5473, 20.8012



20.9111, 17.5491, 49.3017

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.



56.0377, 46.5473, 82.9058



39.7156, 46.5473, 20.8012



41.5423, 46.5473, 102.9864

Square

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



39.7156, 46.5473, 20.8012



31.9587, 46.5473, 65.3354



49.0995, 46.5473, 100.6242



59.3268, 46.5473, 38.4020

Rectangle

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



39.7156, 46.5473, 20.8012



32.1003, 46.5473, 37.2652



49.0995, 46.5473, 100.6242



59.1136, 46.5473, 66.9854

Sweetspot

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



39.7167, 46.5494, 20.8022



79.5843, 86.9185, 74.0511



28.8334, 22.9964, 16.8296



17.3574, 19.0707, 15.5498



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.7167, 46.5494, 20.8022



69.2415, 82.5587, 29.6452



31.7536, 42.4443, 20.4295



10.2617, 11.0893, 10.1762



24.4946, 30.8033, 4.6546



0.9775, 1.2159, 0.1832

Inverse Universe

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



20.9111, 17.5491, 49.3017



31.2940, 24.0173, 87.1878



26.9913, 20.6836, 49.5862



9.0703, 9.2531, 11.9802



6.3040, 2.5359, 32.5501



0.2660, 0.1092, 1.2759

Previews

White Background



This preview shows how the XYZ color 39.7156, 46.5473, 20.8012 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 39.7156, 46.5473, 20.8012 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 39.7156, 46.5473, 20.8012

Background



This preview shows how black text looks on a background with the XYZ color 39.7156, 46.5473, 20.8012.



This preview shows how white text looks on a background with the XYZ color 39.7156, 46.5473,

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

39.7156, 46.5473, 20.8012

Protanopia

42.8309, 46.6179, 20.1053

Deuteranopia

47.2732, 46.2286, 21.1833



Tritanopia

46.8643, 46.4123, 55.7787

Trichromacy



Original Color

39.7156, 46.5473, 20.8012

Protanomaly

41.7343, 46.6590, 20.4421

Deuteranomaly

44.1343, 46.0667, 21.0336

Tritanomaly

43.6081, 46.2772, 39.8917

Monochromacy



Original Color

39.7156, 46.5473, 20.8012

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.2673, 44.3419, 35.7147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7156, 46.5473, 20.8012 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(182, 187, 107)` looks like.

```
.text, #text, p{  
    color:rgb(182, 187, 107)  
}
```

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(182, 187, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 187, 107) }
```

Border

The CSS property to change the border of an element to XYZ 39.7156, 46.5473, 20.8012 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(182, 187, 107) }
```


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

```
.border{ border-color:rgb(182, 187, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 187, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 187, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 187, 107);  
box-shadow:4px 4px 4px 4px rgb(182, 187,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7156, 46.5473, 20.8012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 187, 107) }
```

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

```
.background{ background-color: rgb(182,  
187, 107) }
```

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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