

Converting Colors

XYZ(43.9398, 45.9148, 20.2372)

Have a look what the booklet for
XYZ(43.9398, 45.9148, 20.2372)
contains.

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Color

**XYZ(43.9755, 46.0032,
20.1974)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB26A
RGB	206, 178, 106
RGB Percent	81%, 70%, 42%
CMY	0.1922, 0.3019, 0.5843
CMYK	0.00, 0.14, 0.49, 0.19
HSL	43°, 51%, 61%
HSV	43°, 49%, 81%
XYZ	43.9755, 46.0032, 20.1974
YIQ	178.1640, 39.8000, -16.4560

Conversions

Conversions Part 2

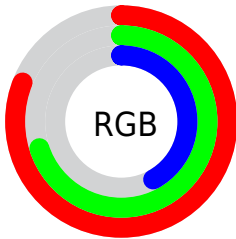
Format	Color
RYB	145, 206, 106
Decimal	13546090
CIELab	73.55, 0.74, 40.33
CIELCh	74, 40.337, 88.954
Yxy	46.0032, 0.3991, 0.4175
Android (android.graphics.Color)	4291736170 (0xFFCEB26A)
YUV	178.1640, -35.5769, 24.4122
Hunter-Lab	67.8257, -2.9625, 29.8223

Details

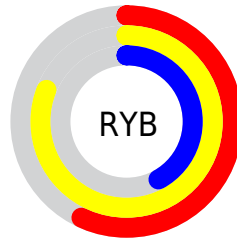
The XYZ color **43.9755, 46.0032, 20.1974** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.6092, 24.5697, 61.7850**, and the grayscale version is **42.5725, 44.7895, 48.7758**.

A 20% lighter version of the original color is **76.9208, 82.6088, 44.6918**, and **20.7523, 21.6913, 6.8344** is the 20% darker color. If you saturate the color by 10%, you get **41.9072, 43.3800, 14.8427**, and if you desaturate by 10%, it is **46.3516, 48.8302, 26.9251**.

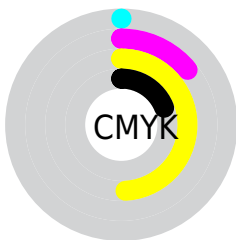
Distribution



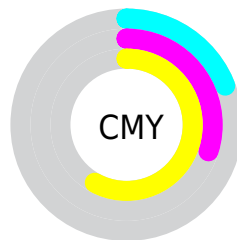
- Red (81%)
- Green (70%)
- Blue (42%)



- Red (57%)
- Yellow (81%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (49%)
- Black (19%)




- Cyan (19%)
- Magenta (30%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9755, 46.0032, 20.1974 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 43.9755, 46.0032, 20.1974 by changing the saturation by 10% instead.


 43.9755, 46.0032,
20.1974

 43.9755, 46.0032,
20.1974


353.4622,
370.8215, 265.6213


 30.8491, 32.2483,
12.3531


 80.4274, 84.2238,
44.6112


 20.6352, 21.5513,
6.8592


 104.4837,
109.4583, 62.0178

 12.9686, 13.5275,
3.2971

 132.9139,
139.2882, 83.4489

 7.4837, 7.7928,
1.2483

 166.0835,
174.0978, 109.3231

 3.8154, 3.9627,
0.0188

204.3577,
214.2715, 140.0589

 1.5983, 1.6527,
0.0000

248.1020,

 0.3913, 0.3927,

260.1938, 176.0748

0.0000

297.6817,
312.2490, 217.7894

■ 0.0000, 0.0000,
0.0000

■ 43.9755, 46.0032,
20.1974

■ 43.9755, 46.0032,
20.1974

■ 41.9072, 43.3800,
14.8427

■ 46.3516, 48.8302,
26.9251

■ 40.1240, 40.9453,
10.7595

■ 49.0497, 51.8624,
35.1122

■ 38.6053, 38.6917,
7.8364


■ 52.0868, 55.1092,
44.8410


■ 37.3252, 36.6080,
5.9414


■ 55.4777, 58.5774,
56.1870


■ 36.2444, 34.6773,
4.8693

■ 59.2365, 62.2736,
69.2207

 36.0953, 34.4053,
4.7385

 63.3761, 66.2037,
84.0084

 67.9090, 70.3736,
100.6128

 70.1971, 73.7289,
105.1391

 71.7747, 76.8842,
105.6649

Harmonies

Analogous

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



51.1824, 46.0032, 23.4211



43.9755, 46.0032, 20.1974



37.4185, 46.0032, 22.9918

Triad

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



43.9755, 46.0032, 20.1974



32.7931, 46.0032, 71.6004



56.5522, 46.0032, 73.1879

Complementary

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



43.9755, 46.0032, 20.1974



25.6092, 24.5697, 61.7850

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.



50.7023, 46.0032, 92.8941



43.9755, 46.0032, 20.1974



37.0290, 46.0032, 91.8160

Square

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



43.9755, 46.0032, 20.1974



31.4008, 46.0032, 49.3761



43.4748, 46.0032, 100.4892



58.9127, 46.0032, 50.8101

Rectangle

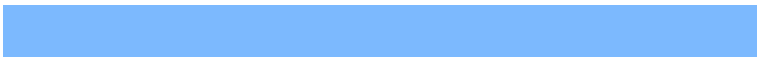
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.9755, 46.0032, 20.1974



34.1796, 46.0032, 28.4791



43.4748, 46.0032, 100.4892



54.8994, 46.0032, 80.5463

Sweetspot

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



43.9766, 46.0054, 20.1983



86.1705, 91.1339, 78.5242



34.9342, 25.1608, 25.6921



18.2003, 19.2542, 16.0008



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.



43.9766, 46.0054, 20.1983



67.8434, 70.2123, 23.9141



44.5200, 55.4147, 21.9859



11.8781, 12.5451, 11.8748



22.3119, 21.3567, 2.9463



1.2131, 1.2258, 0.1727

Inverse Universe

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



25.6092, 24.5697, 61.7850



34.7947, 31.6904, 98.8907



25.1470, 19.3282, 60.7977



10.8532, 11.3468, 14.1885



7.8528, 4.7295, 36.4553



0.4702, 0.3743, 1.9024

Previews

White Background



This preview shows how the XYZ color 43.9755, 46.0032, 20.1974 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 43.9755, 46.0032, 20.1974 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 43.9755, 46.0032, 20.1974

Background



This preview shows how black text looks on a background with the XYZ color 43.9755, 46.0032, 20.1974.



This preview shows how white text looks on a background with the XYZ color 43.9755, 46.0032,

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

43.9755, 46.0032, 20.1974

Protanopia

42.4664, 46.1151, 20.5728

Deuteranopia

47.1126, 46.1643, 20.3374



Tritanopia

50.0720, 45.8995, 50.4764

Trichromacy



Original Color

43.9755, 46.0032, 20.1974

Protanomaly

43.0625, 46.1216, 20.5426

Deuteranomaly

46.0081, 46.1686, 20.3964

Tritanomaly

47.1636, 45.5398, 36.8761

Monochromacy



Original Color

43.9755, 46.0032, 20.1974

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.3269, 44.7992, 36.1220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9755, 46.0032, 20.1974 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(206, 178, 106)` looks like.

```
.text, #text, p{  
    color:rgb(206, 178, 106)  
}
```

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(206, 178, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 178, 106) }
```

Border

The CSS property to change the border of an element to XYZ 43.9755, 46.0032, 20.1974 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(206, 178, 106) }
```


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

```
.border{ border-color:rgb(206, 178, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 178, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 178, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 178, 106);  
box-shadow:4px 4px 4px 4px rgb(206, 178,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9755, 46.0032, 20.1974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 178, 106) }
```

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

```
.background{ background-color: rgb(206,  
178, 106) }
```

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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