

Converting Colors

XYZ(40.0075, 43.8595, 20.6240)

Have a look what the booklet for
XYZ(40.0075, 43.8595, 20.6240)
contains.

XYZ(40.1130, 43.9999, 20.5660)	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(40.1130, 43.9999,
20.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB26C
RGB	191, 178, 108
RGB Percent	75%, 70%, 42%
CMY	0.2510, 0.3019, 0.5765
CMYK	0.00, 0.07, 0.43, 0.25
HSL	51°, 39%, 59%
HSV	51°, 43%, 75%
XYZ	40.1130, 43.9999, 20.5660
YIQ	173.9070, 30.2180, -19.0140

Conversions

Conversions Part 2

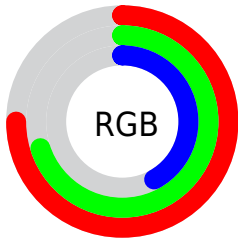
Format	Color
RYB	123, 191, 108
Decimal	12563052
CIELab	72.23, -5.25, 37.37
CIELCh	72, 37.733, 97.995
Yxy	43.9999, 0.3832, 0.4203
Android (android.graphics.Color)	4290753132 (0xFFFBFB26C)
YUV	173.9070, -32.4922, 14.9906
Hunter-Lab	66.3324, -8.1380, 28.0502

Details

The XYZ color **40.1130, 43.9999, 20.5660** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.4255, 20.6237, 52.0888**, and the grayscale version is **40.3360, 42.4366, 46.2135**.

A 20% lighter version of the original color is **74.9228, 81.5586, 45.5117**, and **18.4036, 20.4717, 7.1191** is the 20% darker color. If you saturate the color by 10%, you get **38.6177, 42.4617, 15.5902**, and if you desaturate by 10%, it is **41.8462, 45.6572, 26.7207**.

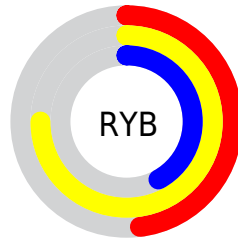
Distribution



Red (75%)

Green (70%)

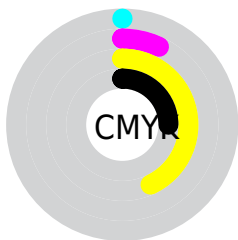
Blue (42%)



Red (48%)

Yellow (75%)

Blue (42%)

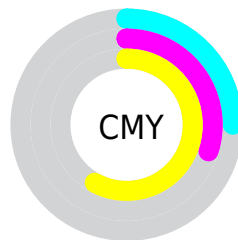


Cyan (0%)

Magenta (7%)

Yellow (43%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1130, 43.9999, 20.5660 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 40.1130, 43.9999, 20.5660 by changing the saturation by 10% instead.

■ 40.1130, 43.9999,
20.5660

■ 40.1130, 43.9999,
20.5660

337.7259,
362.7079, 267.6678

■ 27.8113, 30.6704,
12.6190

■ 74.6188, 81.2176,
45.2355

■ 18.3232, 20.3480,
7.0391

■ 97.5536, 105.8746,
62.7950

■ 11.2833, 12.6483,
3.4077

■ 124.7634,
135.0763, 84.3959

■ 6.3264, 7.1868,
1.3064

■ 156.6137,
169.2069, 110.4565

■ 3.0871, 3.5792,
0.0670

193.4697,
208.6510, 141.3954

■ 1.2000, 1.4411,
0.0000

235.6968,

■ 0.1064, 0.2467,

253.7930, 177.6313

0.0000

283.6604,
305.0171, 219.5826

■ 0.0000, 0.0000,
0.0000

■ 40.1130, 43.9999,
20.5660

■ 40.1130, 43.9999,
20.5660

■ 38.6177, 42.4617,
15.5902

■ 41.8462, 45.6572,
26.7207

■ 37.3422, 41.0304,
11.7132

■ 43.8274, 47.4331,
34.1221

■ 36.2711, 39.7013,
8.8491

■ 46.0701, 49.3345,
42.8359

■ 35.3853, 38.4668,
6.8982

■ 48.5859, 51.3664,
52.9225

■ 34.6619, 37.3175,
5.7403

■ 51.3856, 53.5330,
64.4386

■ 34.2474, 36.5996,
5.2594

■ 54.4795, 55.8387,
77.4375

■ 57.8771, 58.2874,
91.9699

■ 60.6394, 60.5037,
103.0901

■ 61.3476, 61.9200,
103.3261

Harmonies

Analogous

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



46.6604, 43.9999, 21.8735



40.1130, 43.9999, 20.5660



34.6160, 43.9999, 24.9473

Triad

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



40.1130, 43.9999, 20.5660



32.7576, 43.9999, 73.3766



54.4563, 43.9999, 62.5464

Complementary

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



40.1130, 43.9999, 20.5660



22.4255, 20.6237, 52.0888

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.



49.9612, 43.9999, 81.8537



40.1130, 43.9999, 20.5660



37.3276, 43.9999, 89.1467

Square

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



40.1130, 43.9999, 20.5660



30.6648, 43.9999, 53.0400



43.5760, 43.9999, 92.5951



55.3988, 43.9999, 43.1190

Rectangle

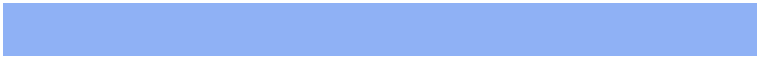
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.1130, 43.9999, 20.5660



32.1277, 43.9999, 31.3887



43.5760, 43.9999, 92.5951



53.2898, 43.9999, 69.3961

Sweetspot

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



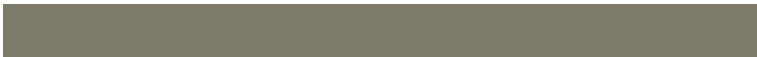
40.1141, 44.0019, 20.5669



82.6182, 88.4465, 77.1385



30.3512, 23.2029, 21.2377



17.9352, 19.2502, 16.1237



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.1141, 44.0019, 20.5669



69.3220, 76.2177, 28.4251



36.5103, 46.1660, 21.1746



10.1916, 10.8591, 10.1355



22.5554, 24.1495, 3.4725



0.9183, 1.0155, 0.1476

Inverse Universe

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



22.4255, 20.6237, 52.0888



33.6262, 29.0661, 92.1172



24.8662, 19.6936, 51.7807



9.1339, 9.4601, 12.0168



6.5225, 3.1568, 32.6584



0.2941, 0.2008, 1.2921

Previews

White Background



This preview shows how the XYZ color 40.1130, 43.9999, 20.5660 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 40.1130, 43.9999, 20.5660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

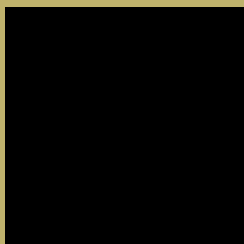
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1130, 43.9999, 20.5660

Background



This preview shows how black text looks on a background with the XYZ color 40.1130, 43.9999, 20.5660.



This preview shows how white text looks on a background with the XYZ color 40.1130, 43.9999,

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

40.1130, 43.9999, 20.5660

Protanopia

40.6770, 43.9963, 20.5356

Deuteranopia

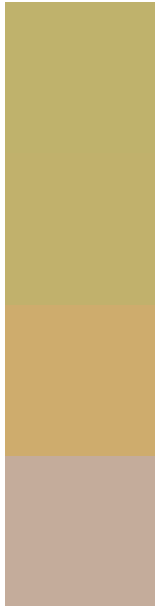
44.7340, 43.7979, 20.8479



Tritanopia

46.1847, 43.8954, 50.2944

Trichromacy



Original Color

40.1130, 43.9999, 20.5660

Protanomaly

40.4212, 43.8644, 20.5236

Deuteranomaly

42.9664, 43.7310, 20.6443

Tritanomaly

43.4339, 43.6074, 37.1382

Monochromacy



Original Color

40.1130, 43.9999, 20.5660

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.6574, 42.5653, 34.9799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1130, 43.9999, 20.5660 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(191, 178, 108)` looks like.

```
.text, #text, p{  
    color:rgb(191, 178, 108)  
}
```

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(191, 178, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 178, 108) }
```

Border

The CSS property to change the border of an element to XYZ 40.1130, 43.9999, 20.5660 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(191, 178, 108) }
```


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

```
.border{ border-color:rgb(191, 178, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 178, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 178, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 178, 108);  
box-shadow:4px 4px 4px 4px rgb(191, 178,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1130, 43.9999, 20.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 178, 108) }
```

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

```
.background{ background-color: rgb(191,  
178, 108) }
```

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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