

Converting Colors

XYZ(51.3327, 50.4846, 40.1506)

Have a look what the booklet for
XYZ(51.3327, 50.4846, 40.1506)
contains.

XYZ(51.3920, 50.5929, 40.3145)	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(51.3920, 50.5929,
40.3145)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B6A0
RGB	216, 182, 160
RGB Percent	85%, 71%, 63%
CMY	0.1529, 0.2863, 0.3725
CMYK	0.00, 0.16, 0.26, 0.15
HSL	24°, 42%, 74%
HSV	24°, 26%, 85%
XYZ	51.3920, 50.5929, 40.3145
YIQ	189.6580, 27.3260, 0.3660

Conversions

Conversions Part 2

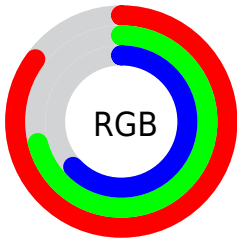
Format	Color
R _Y B	216, 196, 160
Decimal	14202528
CIE Lab	76.43, 8.93, 15.75
CIE LCh	76, 18.104, 60.460
Yxy	50.5929, 0.3612, 0.3555
Android (android.graphics.Color)	4292392608 (0xFFD8B6A0)
YUV	189.6580, -14.6214, 23.1019
Hunter-Lab	71.1287, 4.4949, 16.1855

Details

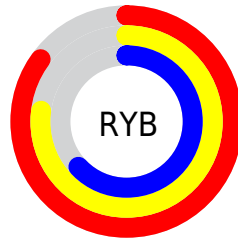
The XYZ color **51.3920, 50.5929, 40.3145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1832, 51.0136, 72.3784**, and the grayscale version is **48.8183, 51.3607, 55.9318**.

A 20% lighter version of the original color is **84.0803, 87.3154, 76.7120**, and **25.0542, 24.2568, 17.5489** is the 20% darker color. If you saturate the color by 10%, you get **47.1036, 44.7817, 30.3586**, and if you desaturate by 10%, it is **56.2629, 57.0430, 52.0854**.

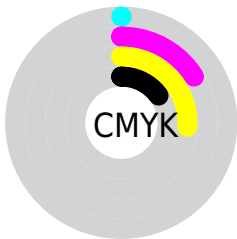
Distribution



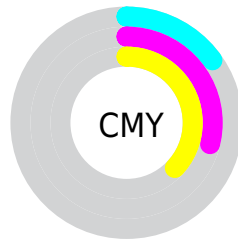
- Red (85%)
- Green (71%)
- Blue (63%)



- Red (85%)
- Yellow (77%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3920, 50.5929, 40.3145 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 51.3920, 50.5929, 40.3145 by changing the saturation by 10% instead.


 51.3920, 50.5929,
40.3145


 51.3920, 50.5929,
40.3145


382.4475,
388.9800, 363.0388

 36.7430, 35.8847,
27.4682

 91.4135, 91.0527,
76.8845

 25.1813, 24.3452,
17.6896


 117.5167,
117.5732, 101.4453

 16.3416, 15.5899,
10.5603

148.1687,
148.7998, 130.7480

 9.8586, 9.2344,
5.6615

183.7347,
185.1171, 165.2111

 5.3669, 4.8944,
2.5750

224.5803,
226.9093, 205.2532

 2.5010, 2.1854,
0.8795

271.0707,

 0.8958, 0.7120,

274.5610, 251.2928

0.0000

323.5713,
328.4564, 303.7485

■ 0.0000, 0.0000,
0.0000

■ 51.3920, 50.5929,
40.3145

■ 51.3920, 50.5929,
40.3145

■ 47.1036, 44.7817,
30.3586

■ 56.2629, 57.0430,
52.0854

■ 43.3698, 39.5819,
22.1227

■ 61.7347, 64.1447,
65.7533

■ 40.1663, 34.9741,
15.5082

■ 67.8297, 71.9187,
81.3990

■ 37.4652, 30.9352,
10.4048

■ 74.5680, 80.3830,
99.0977

■ 35.2354, 27.4400,
6.6883

■ 79.8038, 88.6887,
107.5203

■ 33.4416, 24.4610,
4.2142

■ 82.1290, 93.3390,
108.2953

■ 32.0417, 21.9673,
2.8041

■ 31.5576, 21.0762,
2.4048

Harmonies

Analogous

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



53.9619, 50.5929, 46.1073



51.3920, 50.5929, 40.3145



48.0344, 50.5929, 38.3654

Triad

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



51.3920, 50.5929, 40.3145



41.8252, 50.5929, 55.2379



51.4873, 50.5929, 72.9065

Complementary

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



51.3920, 50.5929, 40.3145



46.1832, 51.0136, 72.3784

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.



48.1397, 50.5929, 76.0740



51.3920, 50.5929, 40.3145



42.6548, 50.5929, 65.1630

Square

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



51.3920, 50.5929, 40.3145



42.6063, 50.5929, 46.3396



44.9269, 50.5929, 73.0884



54.0188, 50.5929, 64.8714

Rectangle

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



51.3920, 50.5929, 40.3145



45.8318, 50.5929, 39.3030



44.9269, 50.5929, 73.0884



50.4151, 50.5929, 74.6155

Sweetspot

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



51.3933, 50.5952, 40.3155



88.1134, 91.1066, 91.2359



50.6878, 43.6602, 57.1097



18.5948, 19.1578, 18.8621



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.



51.3933, 50.5952, 40.3155



71.3872, 69.0239, 50.6088



57.5795, 62.9675, 42.3776



12.8195, 13.2133, 13.0355



18.7770, 12.6713, 1.4561



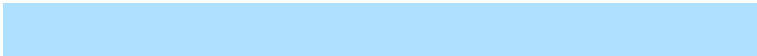
1.2120, 0.9231, 0.1143

Inverse Universe

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



46.1832, 51.0136, 72.3784



62.5823, 69.7225, 104.7671



40.6258, 39.8989, 70.5259



12.3636, 13.2506, 15.8435



12.2583, 12.7783, 40.2735



0.8189, 0.9299, 2.4556

Previews

White Background



This preview shows how the XYZ color 51.3920, 50.5929, 40.3145 looks on a white background.

Color Contrast Check

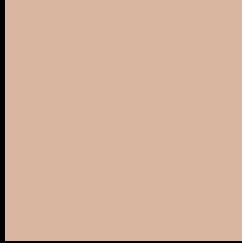
Large Text (above 18pt) WCAG AA × Fail

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 51.3920, 50.5929, 40.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

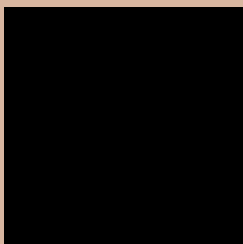
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3920, 50.5929, 40.3145

Background



This preview shows how black text looks on a background with the XYZ color 51.3920, 50.5929, 40.3145.



This preview shows how white text looks on a background with the XYZ color 51.3920, 50.5929,

40.3145.

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

51.3920, 50.5929, 40.3145

Protanopia

47.8828, 50.6165, 41.8966

Deuteranopia

51.6884, 50.7457, 40.3283



Tritanopia

54.6413, 50.4215, 56.1426

Trichromacy



Original Color

51.3920, 50.5929, 40.3145

Protanomaly

49.2573, 50.7056, 41.3734

Deuteranomaly

51.6884, 50.7457, 40.3283

Tritanomaly

53.5717, 50.5956, 50.1224

Monochromacy



Original Color

51.3920, 50.5929, 40.3145

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.4602, 50.9374, 49.8729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3920, 50.5929, 40.3145 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(216, 182, 160)` looks like.

```
.text, #text, p{  
    color:rgb(216, 182, 160)  
}
```

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(216, 182, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 160) }
```

Border

The CSS property to change the border of an element to XYZ 51.3920, 50.5929, 40.3145 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(216, 182, 160) }
```


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

```
.border{ border-color:rgb(216, 182, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 182, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 182, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 182, 160);  
box-shadow:4px 4px 4px 4px rgb(216, 182,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3920, 50.5929, 40.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 160) }
```

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

```
.background{ background-color: rgb(216,  
182, 160) }
```

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