

Converting Colors

XYZ(39.5203, 29.6449, 20.0548)

Have a look what the booklet for
XYZ(39.5203, 29.6449, 20.0548)
contains.

XYZ(39.4496, 29.5900, 20.1552)	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(39.4496, 29.5900,
20.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	DD7674
RGB	221, 118, 116
RGB Percent	87%, 46%, 45%
CMY	0.1333, 0.5372, 0.5451
CMYK	0.00, 0.47, 0.48, 0.13
HSL	1°, 61%, 66%
HSV	1°, 48%, 87%
XYZ	39.4496, 29.5900, 20.1552
YIQ	148.5690, 62.0300, 21.2140

Conversions

Conversions Part 2

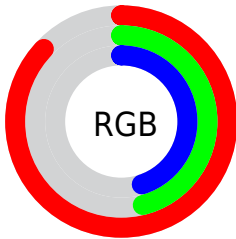
Format	Color
R _Y B	221, 118, 116
Decimal	14513780
CIE Lab	61.30, 39.78, 19.29
CIE LCh	61, 44.214, 25.869
Yxy	29.5900, 0.4423, 0.3317
Android (android.graphics.Color)	4292703860 (0xFFDD7674)
YUV	148.5690, -16.0565, 63.5220
Hunter-Lab	54.3967, 34.2577, 16.1094

Details

The XYZ color **39.4496, 29.5900, 20.1552** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.5836, 59.5933, 77.5065**, and the grayscale version is **28.4340, 29.9147, 32.5772**.

A 20% lighter version of the original color is **63.0604, 53.5922, 44.0665**, and **17.8919, 11.9952, 6.8411** is the 20% darker color. If you saturate the color by 10%, you get **36.0476, 24.6044, 13.4156**, and if you desaturate by 10%, it is **43.7455, 35.8741, 28.7018**.

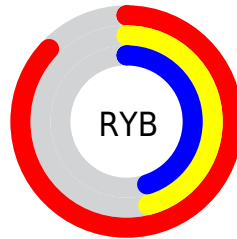
Distribution



Red (87%)

Green (46%)

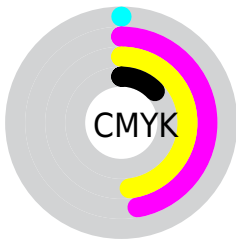
Blue (45%)



Red (87%)

Yellow (46%)

Blue (45%)

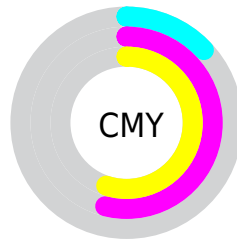


Cyan (0%)

Magenta (47%)

Yellow (48%)

Black (13%)



Cyan (13%)


Magenta (54%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4496, 29.5900, 20.1552 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 39.4496, 29.5900, 20.1552 by changing the saturation by 10% instead.


 39.4496, 29.5900,
20.1552


 39.4496, 29.5900,
20.1552


334.9726,
299.9886, 265.3860

 27.2920, 19.5276,
12.3227


 73.6143, 59.0132,
44.5396

 17.9303, 12.0521,
6.8387


 96.3521, 79.1427,
61.9286

 10.9994, 6.7792,
3.2845


 123.3474,
103.3968, 83.3402

 6.1337, 3.3244,
1.2417

154.9654,
132.1598, 109.1930

 2.9680, 1.3033,
0.0133

191.5716,
165.8161, 139.9054

 1.1369, 0.1438,
0.0000

233.5313,

 0.0556, 0.0000,

204.7500, 175.8960

0.0000

281.2098,
249.3461, 217.5834

■ 0.0000, 0.0000,
0.0000

■ 39.4496, 29.5900,
20.1552

■ 39.4496, 29.5900,
20.1552

■ 36.0476, 24.6044,
13.4156

■ 43.7455, 35.8741,
28.7018

■ 33.4744, 20.8223,
8.3517

■ 48.9897, 43.5337,
39.1707

■ 31.6599, 18.1436,
4.8173


■ 55.2351, 52.6455,
51.6695


■ 30.5213, 16.4495,
2.6402

■ 62.5298, 63.2788,
66.2974

■ 29.9532, 15.5929,
1.5890

■ 70.9190, 75.4987,
83.1471

 29.8645, 15.4637,
1.4108

 80.4453, 89.3667,
102.3059

 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



40.8349, 29.5900, 34.5840



39.4496, 29.5900, 20.1552



34.8859, 29.5900, 12.2976

Triad

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



39.4496, 29.5900, 20.1552



19.8373, 29.5900, 17.3681



27.3256, 29.5900, 75.9505

Complementary

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



39.4496, 29.5900, 20.1552



45.5836, 59.5933, 77.5065

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.



22.2984, 29.5900, 66.7169



39.4496, 29.5900, 20.1552



18.3700, 29.5900, 29.9634

Square

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



39.4496, 29.5900, 20.1552



23.5166, 29.5900, 11.1218



19.2050, 29.5900, 48.3320



33.2979, 29.5900, 70.5404

Rectangle

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



39.4496, 29.5900, 20.1552



30.9474, 29.5900, 10.0542



19.2050, 29.5900, 48.3320



25.4785, 29.5900, 74.3902

Sweetspot

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



39.4503, 29.5915, 20.1557



79.6542, 77.5672, 77.9988



48.8833, 32.9907, 70.9817



16.5982, 15.9449, 15.7909



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.



39.4503, 29.5915, 20.1557



49.8768, 34.0609, 18.5978



47.3928, 45.4764, 22.8032



13.0759, 13.0911, 13.5632



17.3581, 9.0018, 0.8226



1.1317, 0.5976, 0.0557

Inverse Universe

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



45.5836, 59.5933, 77.5065



59.3175, 80.2737, 106.9758



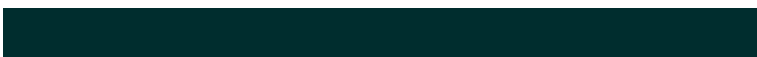
34.0267, 36.4795, 73.6542



13.4224, 14.7846, 16.7984



21.9727, 31.8149, 44.7212



1.4304, 2.0750, 2.8996

Previews

White Background



This preview shows how the XYZ color 39.4496, 29.5900, 20.1552 looks on a white background.

Color Contrast Check

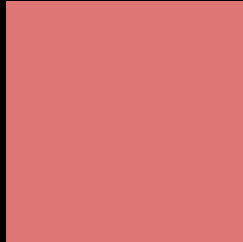
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4496, 29.5900, 20.1552 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 × Fail

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

XYZ 39.4496, 29.5900, 20.1552

Background



This preview shows how black text looks on a background with the XYZ color 39.4496, 29.5900, 20.1552.



This preview shows how white text looks on a background with the XYZ color 39.4496, 29.5900,

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

39.4496, 29.5900, 20.1552

Protanopia

28.1367, 29.7601, 25.3804

Deuteranopia

30.2768, 29.6298, 19.4526



Tritanopia

40.1872, 29.7328, 23.0230

Trichromacy



Original Color

39.4496, 29.5900, 20.1552

Protanomaly

31.2377, 28.9557, 23.3446

Deuteranomaly

33.1064, 29.1738, 19.5090

Tritanomaly

39.9983, 29.6573, 22.0286

Monochromacy



Original Color

39.4496, 29.5900, 20.1552

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.2830, 29.0971, 27.6344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4496, 29.5900, 20.1552 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(221, 118, 116)` looks like.

```
.text, #text, p{  
    color:rgb(221, 118, 116)  
}
```

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(221, 118, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 118, 116) }
```

Border

The CSS property to change the border of an element to XYZ 39.4496, 29.5900, 20.1552 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(221, 118, 116) }
```


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

```
.border{ border-color:rgb(221, 118, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 118, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 118, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 118, 116); box-shadow:4px 4px 4px 4px rgb(221, 118, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4496, 29.5900, 20.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 118, 116) }
```

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

```
.background{ background-color: rgb(221,  
118, 116) }
```

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