

Converting Colors

XYZ(51.0458, 45.3876, 32.4565)

Have a look what the booklet for
XYZ(51.0458, 45.3876, 32.4565)
contains.

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Color

**XYZ(50.9426, 45.3875,
32.4613)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A490
RGB	230, 164, 144
RGB Percent	90%, 64%, 56%
CMY	0.0980, 0.3568, 0.4353
CMYK	0.00, 0.29, 0.37, 0.10
HSL	14°, 63%, 73%
HSV	14°, 37%, 90%
XYZ	50.9426, 45.3875, 32.4613
YIQ	181.4540, 45.7560, 7.7720

Conversions

Conversions Part 2

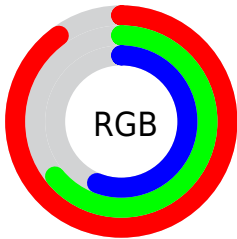
Format	Color
R _Y B	230, 170, 144
Decimal	15115408
CIE Lab	73.15, 21.90, 20.09
CIE LCh	73, 29.718, 42.540
Yxy	45.3875, 0.3955, 0.3524
Android (android.graphics.Color)	4293305488 (0xFFE6A490)
YUV	181.4540, -18.4648, 42.5748
Hunter-Lab	67.3702, 17.0764, 18.5912

Details

The XYZ color **50.9426, 45.3875, 32.4613** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8302, 57.7335, 83.4329**, and the grayscale version is **44.2474, 46.5517, 50.6948**.

A 20% lighter version of the original color is **76.7646, 76.0003, 64.0497**, and **25.0481, 21.2807, 13.3771** is the 20% darker color. If you saturate the color by 10%, you get **46.4182, 38.8712, 23.1460**, and if you desaturate by 10%, it is **56.2658, 52.9281, 43.8105**.

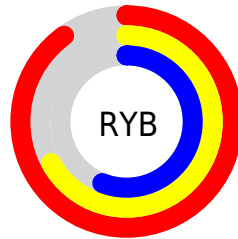
Distribution



Red (90%)

Green (64%)

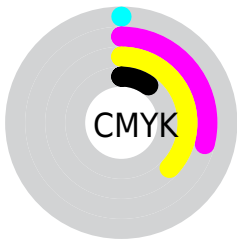
Blue (56%)



Red (90%)

Yellow (67%)

Blue (56%)

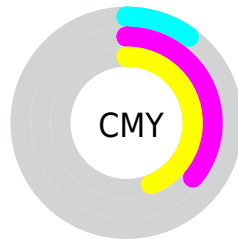


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (10%)



Cyan (10%)


Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9426, 45.3875, 32.4613 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 50.9426, 45.3875, 32.4613 by changing the saturation by 10% instead.


 50.9426, 45.3875,
32.4613


 50.9426, 45.3875,
32.4613


380.7321,
368.3407, 327.7725

 36.3838, 31.7628,
21.4464

 90.7534, 83.3016,
64.6399

 24.9022, 21.1804,
13.2563


 116.7361,
108.3597, 86.6405

 16.1326, 13.2559,
7.4724

147.2575,
137.9978, 113.1402

 9.7095, 7.6050,
3.6764

182.6829,
172.6002, 144.5575

 5.2675, 3.8433,
1.4495

223.3778,
212.5512, 181.3108

 2.4414, 1.5863,
0.1799

269.7073,

 0.8658, 0.3483,

258.2354, 223.8187

0.0000

322.0370,
310.0371, 272.4998

■ 0.0000, 0.0000,
0.0000

■ 50.9426, 45.3875,
32.4613

■ 50.9426, 45.3875,
32.4613

■ 46.4182, 38.8712,
23.1460

■ 56.2658, 52.9281,
43.8105

■ 42.6494, 33.3281,
15.7407

■ 62.4213, 61.5284,
57.3022

■ 39.5937, 28.7122,
10.1121

■ 69.4449, 71.2299,
73.0404

■ 37.2031, 24.9712,
6.1081

■ 77.3691, 82.0701,
91.1213

■ 35.4226, 22.0471,
3.5510

■ 85.5737, 93.8242,
108.2074

■ 34.1844, 19.8730,
2.2065

■ 86.4431, 95.5630,
108.4972

■ 33.9292, 19.4151,
1.9592

Harmonies

Analogous

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



53.6662, 45.3875, 43.4529



50.9426, 45.3875, 32.4613



46.2129, 45.3875, 26.8076

Triad

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



50.9426, 45.3875, 32.4613



34.2784, 45.3875, 41.3077



45.3494, 45.3875, 83.0149

Complementary

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



50.9426, 45.3875, 32.4613



48.8302, 57.7335, 83.4329

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.



40.2054, 45.3875, 82.1182



50.9426, 45.3875, 32.4613



34.0880, 45.3875, 55.9082

Square

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



50.9426, 45.3875, 32.4613



36.7198, 45.3875, 31.1642



36.1768, 45.3875, 71.4445



50.2668, 45.3875, 73.6923

Rectangle

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



50.9426, 45.3875, 32.4613



42.6974, 45.3875, 25.9571



36.1768, 45.3875, 71.4445



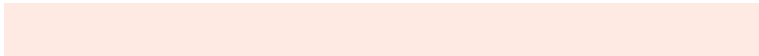
43.5846, 45.3875, 83.9449

Sweetspot

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



50.9438, 45.3897, 32.4622



84.3717, 85.3503, 84.6643



54.4105, 41.4915, 67.0104



17.7979, 17.9080, 17.5358



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.



50.9438, 45.3897, 32.4622



59.8003, 50.7772, 31.5569



59.6505, 62.8031, 35.3644



14.6477, 14.9093, 15.0102



19.2861, 11.1464, 1.1350



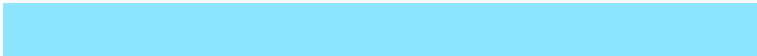
1.4951, 0.9634, 0.1072

Inverse Universe

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



48.8302, 57.7335, 83.4329



56.7355, 68.4734, 104.8341



39.8554, 39.7838, 80.4413



14.5083, 15.7381, 18.4174



17.0288, 21.1196, 45.5622



1.3276, 1.6990, 3.3899

Previews

White Background



This preview shows how the XYZ color 50.9426, 45.3875, 32.4613 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 50.9426, 45.3875, 32.4613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

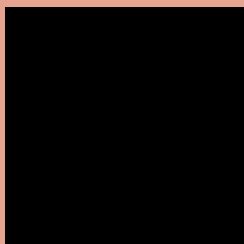
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9426, 45.3875, 32.4613

Background



This preview shows how black text looks on a background with the XYZ color 50.9426, 45.3875, 32.4613.



This preview shows how white text looks on a background with the XYZ color 50.9426, 45.3875,

32.4613.

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

50.9426, 45.3875, 32.4613

Protanopia

43.1424, 45.8240, 35.8492

Deuteranopia

46.4044, 45.5418, 31.9359



Tritanopia

53.6215, 45.4438, 44.9751

Trichromacy



Original Color

50.9426, 45.3875, 32.4613

Protanomaly

45.6582, 45.3894, 34.3715

Deuteranomaly

47.9479, 45.4843, 32.2388

Tritanomaly

52.5452, 45.2542, 40.1479

Monochromacy



Original Color

50.9426, 45.3875, 32.4613

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.9510, 45.6292, 43.4312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9426, 45.3875, 32.4613 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(230, 164, 144)` looks like.

```
.text, #text, p{  
    color:rgb(230, 164, 144)  
}
```

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(230, 164, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 164, 144) }
```

Border

The CSS property to change the border of an element to XYZ 50.9426, 45.3875, 32.4613 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(230, 164, 144) }
```


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

```
.border{ border-color:rgb(230, 164, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 164, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 164, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 164, 144);  
box-shadow:4px 4px 4px 4px rgb(230, 164,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9426, 45.3875, 32.4613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 164, 144) }
```

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

```
.background{ background-color: rgb(230,  
164, 144) }
```

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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