

Converting Colors

XYZ(39.7809, 32.6999, 20.0167)

Have a look what the booklet for
XYZ(39.7809, 32.6999, 20.0167)
contains.

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Color

**XYZ(39.7437, 32.5889,
20.1152)**

Conversions

Conversions Part 1

Format	Color
Hex	D88572
RGB	216, 133, 114
RGB Percent	85%, 52%, 45%
CMY	0.1529, 0.4784, 0.5529
CMYK	0.00, 0.38, 0.47, 0.15
HSL	11°, 57%, 65%
HSV	11°, 47%, 85%
XYZ	39.7437, 32.5889, 20.1152
YIQ	155.6510, 55.5670, 11.6870

Conversions

Conversions Part 2

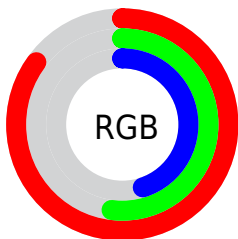
Format	Color
R _{YB}	216, 137, 114
Decimal	14189938
CIE Lab	63.83, 29.81, 23.72
CIE LCh	64, 38.100, 38.513
Yxy	32.5889, 0.4299, 0.3525
Android (android.graphics.Color)	4292380018 (0xFFD88572)
YUV	155.6510, -20.5339, 52.9261
Hunter-Lab	57.0867, 24.3698, 19.0691

Details

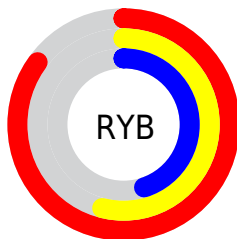
The XYZ color **39.7437, 32.5889, 20.1152** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.2994, 48.4656, 72.2491**, and the grayscale version is **31.5165, 33.1578, 36.1088**.

A 20% lighter version of the original color is **65.8933, 59.5538, 44.0985**, and **18.1012, 13.6970, 6.8440** is the 20% darker color. If you saturate the color by 10%, you get **36.4481, 27.7386, 13.6505**, and if you desaturate by 10%, it is **43.7338, 38.3639, 28.2442**.

Distribution



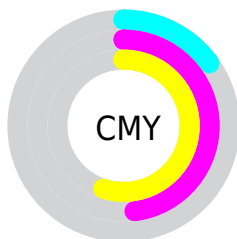
- Red (85%)
- Green (52%)
- Blue (45%)



- Red (85%)
- Yellow (54%)
- Blue (45%)



- Cyan (0%)
- Magenta (38%)
- Yellow (47%)
- Black (15%)




- Cyan (15%)
- Magenta (48%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7437, 32.5889, 20.1152 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 39.7437, 32.5889, 20.1152 by changing the saturation by 10% instead.


 39.7437, 32.5889,
20.1152


 39.7437, 32.5889,
20.1152


336.1951,
313.7932, 265.1629

 27.5221, 21.8117,
12.2939


 74.0599, 63.7332,
44.4717


 18.1043, 13.7186,
6.8192


 96.8852, 84.8690,
61.8441

 11.1251, 7.9252,
3.2726


 123.9758,
110.2266, 83.2372

 6.2189, 4.0471,
1.2354

 155.6969,
140.1902, 109.0696

 3.0206, 1.7000,
0.0080

192.4141,
175.1442, 139.7598

 1.1647, 0.4236,
0.0000

234.4926,

 0.0782, 0.0000,

215.4732, 175.7264

0.0000

282.2978,
261.5614, 217.3879

■ 0.0000, 0.0000,
0.0000

■ 39.7437, 32.5889,
20.1152

■ 39.7437, 32.5889,
20.1152

■ 36.4481, 27.7386,
13.6505

■ 43.7338, 38.3639,
28.2442

■ 33.8039, 23.7596,
8.7323

■ 48.4534, 45.1033,
38.1405

■ 31.7667, 20.6007,
5.2301


■ 53.9379, 52.8506,
49.9009


■ 30.2849, 18.2032,
2.9911


■ 60.2198, 61.6451,
63.6145

■ 29.2950, 16.4987,
1.8129

■ 67.3294, 71.5240,
79.3649

 29.0859, 16.1331,
1.5810

 75.2956, 82.5227,
97.2307

 82.1288, 93.3389,
108.2953

Harmonies

Analogous

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



42.3060, 32.5889, 31.2976



39.7437, 32.5889, 20.1152



34.8986, 32.5889, 14.5199

Triad

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



39.7437, 32.5889, 20.1152



22.3529, 32.5889, 25.7474



32.5231, 32.5889, 73.3346

Complementary

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



39.7437, 32.5889, 20.1152



39.2994, 48.4656, 72.2491

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.



27.3567, 32.5889, 70.5740



39.7437, 32.5889, 20.1152



21.8723, 32.5889, 40.0275

Square

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



39.7437, 32.5889, 20.1152



24.9991, 32.5889, 17.0596



23.6010, 32.5889, 57.1786



37.8340, 32.5889, 63.8970

Rectangle

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



39.7437, 32.5889, 20.1152



31.2425, 32.5889, 13.4253



23.6010, 32.5889, 57.1786



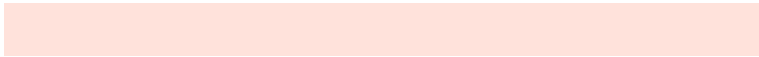
30.7086, 32.5889, 73.8466

Sweetspot

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



39.7445, 32.5905, 20.1158



81.2490, 80.7568, 78.5304



44.4488, 30.6788, 56.5826



16.9807, 16.7099, 15.9184



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.



39.7445, 32.5905, 20.1158



52.9431, 40.1934, 19.6198



48.4344, 49.9704, 23.0125



12.6086, 12.7914, 12.9652



17.2740, 9.6652, 0.9551



1.0987, 0.6965, 0.0765

Inverse Universe

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



39.2994, 48.4656, 72.2491



52.1578, 65.9542, 104.5892



29.6596, 29.1860, 69.0358



12.5863, 13.6961, 15.9178



16.5714, 21.4046, 41.7113



1.0516, 1.3952, 2.5332

Previews

White Background



This preview shows how the XYZ color 39.7437, 32.5889, 20.1152 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 39.7437, 32.5889, 20.1152 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 39.7437, 32.5889, 20.1152

Background



This preview shows how black text looks on a background with the XYZ color 39.7437, 32.5889, 20.1152.



This preview shows how white text looks on a background with the XYZ color 39.7437, 32.5889,

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

39.7437, 32.5889, 20.1152

Protanopia

30.8765, 32.8973, 23.7912

Deuteranopia

33.3839, 32.8329, 19.6168



Tritanopia

41.4239, 32.4700, 28.5102

Trichromacy



Original Color

39.7437, 32.5889, 20.1152

Protanomaly

33.5910, 32.4138, 22.2554

Deuteranomaly

35.5120, 32.5505, 19.7404

Tritanomaly

40.6272, 32.3287, 25.2179

Monochromacy



Original Color

39.7437, 32.5889, 20.1152

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.7577, 32.5679, 29.7063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7437, 32.5889, 20.1152 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, 133, 114)` looks like.

```
.text, #text, p{  
    color:rgb(216, 133, 114)  
}
```

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, 133, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 133, 114) }
```

Border

The CSS property to change the border of an element to XYZ 39.7437, 32.5889, 20.1152 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, 133, 114) }
```


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

```
.border{ border-color:rgb(216, 133, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 133, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 133, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 133, 114);  
box-shadow:4px 4px 4px 4px rgb(216, 133,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7437, 32.5889, 20.1152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 133, 114) }
```

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

```
.background{ background-color: rgb(216,  
133, 114) }
```

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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