

Converting Colors

XYZ(37.3763, 33.6917, 32.7369)

Have a look what the booklet for
XYZ(37.3763, 33.6917, 32.7369)
contains.

XYZ(37.2089, 33.5954, 32.5404)	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(37.2089, 33.5954,
32.5404)**

Conversions

Conversions Part 1

Format	Color
Hex	C09194
RGB	192, 145, 148
RGB Percent	75%, 57%, 58%
CMY	0.2471, 0.4314, 0.4196
CMYK	0.00, 0.24, 0.23, 0.25
HSL	356°, 27%, 66%
HSV	356°, 24%, 75%
XYZ	37.2089, 33.5954, 32.5404
YIQ	159.3950, 27.0490, 10.8970

Conversions

Conversions Part 2

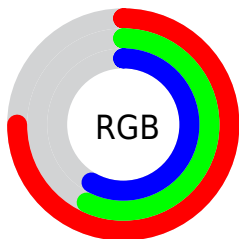
Format	Color
RYB	192, 145, 148
Decimal	12620180
CIELab	64.64, 18.18, 5.32
CIELCh	65, 18.943, 16.305
Yxy	33.5954, 0.3600, 0.3251
Android (android.graphics.Color)	4290810260 (0xFFC09194)
YUV	159.3950, -5.6177, 28.5946
Hunter-Lab	57.9615, 13.1569, 7.2869

Details

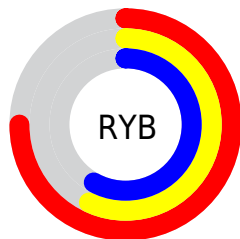
The XYZ color **37.2089, 33.5954, 32.5404** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7134, 47.3939, 55.2013**, and the grayscale version is **33.1525, 34.8790, 37.9833**.

A 20% lighter version of the original color is **70.1510, 65.2509, 64.7744**, and **16.6416, 14.2717, 13.1869** is the 20% darker color. If you saturate the color by 10%, you get **33.2052, 27.6907, 24.7227**, and if you desaturate by 10%, it is **41.9313, 40.5832, 41.6886**.

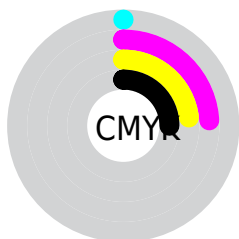
Distribution



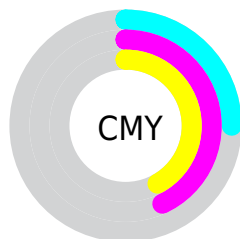
- Red (75%)
- Green (57%)
- Blue (58%)



- Red (75%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (25%)





- Cyan (25%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2089, 33.5954, 32.5404 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 37.2089, 33.5954, 32.5404 by changing the saturation by 10% instead.


 37.2089, 33.5954,
32.5404


 37.2089, 33.5954,
32.5404

325.5539,
318.3242, 328.1419

 25.5437, 22.5829,
21.5064

 70.2057, 65.3040,
64.7650

 16.6135, 14.2859,
13.2998


 92.2680, 86.7689,
86.7927

 10.0529, 8.3198,
7.5022

118.5267,
112.4868, 113.3220

 5.4966, 4.3002,
3.6949

149.3472,
142.8420, 144.7715

 2.5792, 1.8429,
1.4595

185.0948,
178.2190, 181.5597

 0.9354, 0.5137,
0.1875

226.1349,

 0.0000, 0.0000,

219.0020, 224.1051

0.0000

272.8328,
265.5756, 272.8263

■ 37.2089, 33.5954,
32.5404

■ 37.2089, 33.5954,
32.5404

■ 33.2052, 27.6907,
24.7227

■ 41.9313, 40.5832,
41.6886

■ 29.8822, 22.8106,
18.1715

■ 47.4022, 48.6995,
52.2231

■ 27.2030, 18.8981,
12.8208

■ 53.6533, 57.9929,
64.1989

■ 25.1257, 15.8887,
8.5978

■ 60.7135, 68.5078,
77.6675

■ 23.6036, 13.7103,
5.4215

■ 68.6102, 80.2861,
92.6778

■ 22.5831, 12.2794,
3.2004

■ 75.5483, 89.9465,
107.9873

■ 21.9999, 11.4955,
1.8270

■ 21.8061, 11.2336,
1.3746

Harmonies

Analogous

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



37.2771, 33.5954, 40.2350



37.2089, 33.5954, 32.5404



35.6755, 33.5954, 26.7990

Triad

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



37.2089, 33.5954, 32.5404



28.3034, 33.5954, 27.1923



30.7113, 33.5954, 53.1144

Complementary

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



37.2089, 33.5954, 32.5404



39.7134, 47.3939, 55.2013

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.



28.4589, 33.5954, 48.4903



37.2089, 33.5954, 32.5404



27.1229, 33.5954, 33.1528

Square

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



37.2089, 33.5954, 32.5404



30.4880, 33.5954, 24.0239



27.1781, 33.5954, 40.9401



33.4197, 33.5954, 52.8887

Rectangle

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



37.2089, 33.5954, 32.5404



34.0758, 33.5954, 24.5254



27.1781, 33.5954, 40.9401



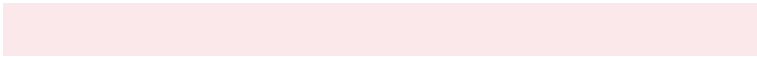
29.8790, 33.5954, 52.0504

Sweetspot

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



37.2098, 33.5970, 32.5411



83.1425, 84.1612, 89.3452



40.5939, 34.8599, 54.4584



17.7043, 17.8587, 18.9126



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.



37.2098, 33.5970, 32.5411



63.6441, 55.2990, 51.6020



40.3714, 40.2948, 32.4399



10.0987, 10.0881, 10.6101



14.6836, 7.5632, 0.9800



0.6436, 0.3304, 0.0906

Inverse Universe

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



37.2098, 33.5970, 32.5411



63.6441, 55.2990, 51.6020



35.8756, 39.1925, 55.5434



10.0987, 10.0881, 10.6101



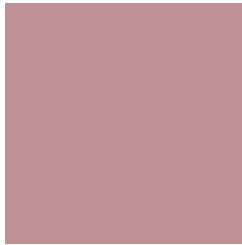
14.6836, 7.5632, 0.9800



0.6436, 0.3304, 0.0906

Previews

White Background



This preview shows how the XYZ color 37.2089, 33.5954, 32.5404 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 37.2089, 33.5954, 32.5404 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 37.2089, 33.5954, 32.5404

Background



This preview shows how black text looks on a background with the XYZ color 37.2089, 33.5954, 32.5404.



This preview shows how white text looks on a background with the XYZ color 37.2089, 33.5954,

32.5404.

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

37.2089, 33.5954, 32.5404

Protanopia

32.2184, 33.5836, 35.3560

Deuteranopia

34.3992, 33.7932, 32.3135



Tritanopia

37.8820, 33.6505, 35.5090

Trichromacy



Original Color

37.2089, 33.5954, 32.5404

Protanomaly

33.9090, 33.4941, 34.3836

Deuteranomaly

35.3053, 33.5466, 32.2181

Tritanomaly

37.6331, 33.5510, 34.1983

Monochromacy



Original Color

37.2089, 33.5954, 32.5404

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.2666, 34.1357, 35.7931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2089, 33.5954, 32.5404 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(192, 145, 148)` looks like.

```
.text, #text, p{  
    color:rgb(192, 145, 148)  
}
```

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(192, 145, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 145, 148) }
```

Border

The CSS property to change the border of an element to XYZ 37.2089, 33.5954, 32.5404 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(192, 145, 148) }
```


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

```
.border{ border-color:rgb(192, 145, 148) }
```

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

Here you see how a box with a 4 pixel rgb(192, 145, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 145, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 145, 148);  
box-shadow:4px 4px 4px 4px rgb(192, 145,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2089, 33.5954, 32.5404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 145, 148) }
```

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

```
.background{ background-color: rgb(192,  
145, 148) }
```

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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