

Converting Colors

XYZ(33.2760, 28.2703, 22.9999)

Have a look what the booklet for
XYZ(33.2760, 28.2703, 22.9999)
contains.

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Color

**XYZ(33.1591, 28.1255,
23.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	C0807D
RGB	192, 128, 125
RGB Percent	75%, 50%, 49%
CMY	0.2471, 0.4980, 0.5098
CMYK	0.00, 0.33, 0.35, 0.25
HSL	3°, 35%, 62%
HSV	3°, 35%, 75%
XYZ	33.1591, 28.1255, 23.0831
YIQ	146.7940, 39.1070, 12.6350

Conversions

Conversions Part 2

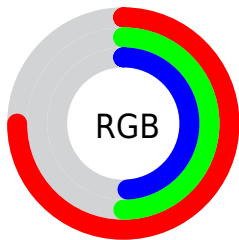
Format	Color
RYB	192, 128, 125
Decimal	12615805
CIELab	60.00, 24.39, 11.78
CIElCh	60, 27.088, 25.785
Yxy	28.1255, 0.3930, 0.3334
Android (android.graphics.Color)	4290805885 (0xFFC0807D)
YUV	146.7940, -10.7444, 39.6457
Hunter-Lab	53.0335, 18.7983, 11.3172

Details

The XYZ color **33.1591, 28.1255, 23.0831** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.1688, 44.5593, 56.5638**, and the grayscale version is **27.6804, 29.1219, 31.7138**.

A 20% lighter version of the original color is **63.9841, 56.5861, 49.6694**, and **14.3454, 11.2889, 8.2604** is the 20% darker color. If you saturate the color by 10%, you get **29.8694, 23.3229, 16.5089**, and if you desaturate by 10%, it is **37.1197, 33.8903, 31.0512**.

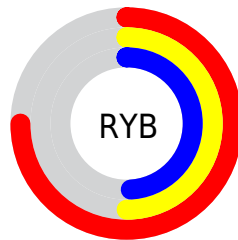
Distribution



Red (75%)

Green (50%)

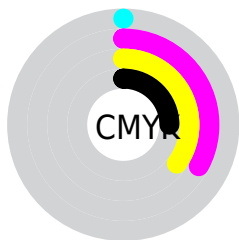
Blue (49%)



Red (75%)

Yellow (50%)

Blue (49%)

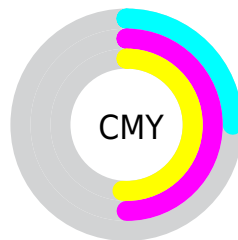


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1591, 28.1255, 23.0831 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 33.1591, 28.1255, 23.0831 by changing the saturation by 10% instead.


 33.1591, 28.1255,
23.0831


 33.1591, 28.1255,
23.0831


308.0184,
293.0661, 281.2873


 22.4082, 18.4203,
14.4490


 63.9769, 56.6847,
49.4547

 14.2754, 11.2521,
8.2913

 84.7744, 76.3076,
68.0292

 8.3954, 6.2367,
4.1915


 109.6515,
100.0050, 90.7543

 4.4029, 2.9895,
1.7310

138.9736,
128.1616, 118.0485

 1.9325, 1.1263,
0.3818

173.1060,
161.1616, 150.3304

 0.5956, 0.0002,
0.0000

212.4140,

 0.0000, 0.0000,

199.3894, 188.0185

0.0000

257.2630,
243.2294, 231.5312

■ 33.1591, 28.1255,
23.0831

■ 33.1591, 28.1255,
23.0831

■ 29.8694, 23.3229,
16.5089

■ 37.1197, 33.8903,
31.0512

■ 27.2114, 19.4263,
11.2470

■ 41.7832, 40.6614,
40.4852

■ 25.1452, 16.3800,
7.2098

■ 47.1821, 48.4850,
51.4541

■ 23.6255, 14.1207,
4.2984

■ 53.3464, 57.4034,
64.0220

■ 22.6003, 12.5758,
2.3986

■ 60.3043, 67.4564,
78.2493

■ 22.0078, 11.6596,
1.3720

■ 68.0824, 78.6819,
94.1935

■ 21.8317, 11.3934,
1.0485

■ 75.5483, 89.9465,
107.9873

Harmonies

Analogous

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



33.9062, 28.1255, 32.0409



33.1591, 28.1255, 23.0831



30.6373, 28.1255, 17.4507

Triad

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



33.1591, 28.1255, 23.0831



21.6152, 28.1255, 21.1382



26.2481, 28.1255, 53.7373

Complementary

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



33.1591, 28.1255, 23.0831



36.1688, 44.5593, 56.5638

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.



23.1744, 28.1255, 49.1664



33.1591, 28.1255, 23.0831



20.6494, 28.1255, 29.2493

Square

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



33.1591, 28.1255, 23.0831



23.9503, 28.1255, 16.5088



21.1949, 28.1255, 39.6505



29.7221, 28.1255, 51.1051

Rectangle

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



33.1591, 28.1255, 23.0831



28.3941, 28.1255, 15.6565



21.1949, 28.1255, 39.6505



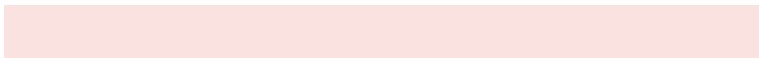
25.1369, 28.1255, 52.9697

Sweetspot

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



33.1598, 28.1269, 23.0837



80.1715, 80.1462, 82.4141



38.3408, 29.5815, 52.2707



16.9062, 16.7690, 17.0850



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.



33.1598, 28.1269, 23.0837



55.3452, 44.0487, 32.3499



38.1384, 38.0840, 24.7432



10.1086, 10.1487, 10.4880



14.7057, 7.6971, 0.7106



0.6481, 0.3581, 0.0350

Inverse Universe

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



36.1688, 44.5593, 56.5638



61.6175, 78.3325, 102.2324



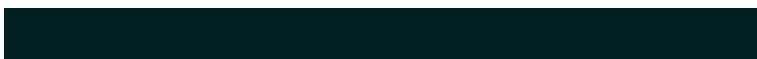
29.9054, 32.0325, 54.4760



10.3286, 11.3485, 12.9309



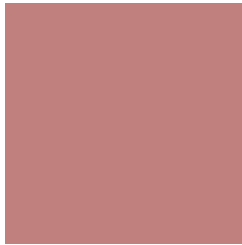
17.8667, 25.4898, 37.5350



0.7841, 1.1256, 1.6258

Previews

White Background



This preview shows how the XYZ color 33.1591, 28.1255, 23.0831 looks on a white background.

Color Contrast Check

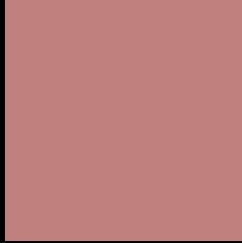
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1591, 28.1255, 23.0831 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 33.1591, 28.1255, 23.0831

Background



This preview shows how black text looks on a background with the XYZ color 33.1591, 28.1255, 23.0831.



This preview shows how white text looks on a background with the XYZ color 33.1591, 28.1255,

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

33.1591, 28.1255, 23.0831

Protanopia

26.7846, 28.1240, 26.2071

Deuteranopia

28.7441, 28.1108, 22.6498



Tritanopia

33.8971, 28.0367, 26.9176

Trichromacy



Original Color

33.1591, 28.1255, 23.0831

Protanomaly

28.6348, 27.7880, 24.9735

Deuteranomaly

30.2066, 28.0133, 22.8838

Tritanomaly

33.7465, 28.1821, 25.4909

Monochromacy



Original Color

33.1591, 28.1255, 23.0831

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.1425, 28.4068, 28.3732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1591, 28.1255, 23.0831 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, 128, 125)` looks like.

```
.text, #text, p{  
    color:rgb(192, 128, 125)  
}
```

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, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 128, 125) }
```

Border

The CSS property to change the border of an element to XYZ 33.1591, 28.1255, 23.0831 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, 128, 125) }
```


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

```
.border{ border-color:rgb(192, 128, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 128, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 128, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 128, 125);  
box-shadow:4px 4px 4px 4px rgb(192, 128,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1591, 28.1255, 23.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 128, 125) }
```

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

```
.background{ background-color: rgb(192,  
128, 125) }
```

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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