

Converting Colors

XYZ(30.0424, 30.8026, 30.7487)

Have a look what the booklet for
XYZ(30.0424, 30.8026, 30.7487)
contains.

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Color

**XYZ(30.0796, 30.8794,
30.7605)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9590
RGB	159, 149, 144
RGB Percent	62%, 58%, 56%
CMY	0.3765, 0.4157, 0.4353
CMYK	0.00, 0.06, 0.09, 0.38
HSL	20°, 7%, 59%
HSV	20°, 9%, 62%
XYZ	30.0796, 30.8794, 30.7605
YIQ	151.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

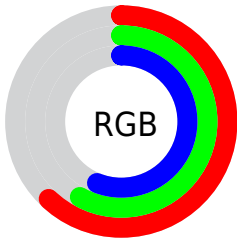
Format	Color
R_{YB}	159, 152, 144
Decimal	10458512
CIE Lab	62.41, 2.78, 3.95
CIE LCh	62, 4.829, 54.883
Yxy	30.8794, 0.3280, 0.3367
Android (android.graphics.Color)	4288648592 (0xFF9F9590)
YUV	151.4200, -3.6581, 6.6477
Hunter-Lab	55.5692, -0.6242, 6.0783

Details

The XYZ color **30.0796, 30.8794, 30.7605** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3153, 31.5433, 37.3448**, and the grayscale version is **29.6090, 31.1510, 33.9234**.

A 20% lighter version of the original color is **59.2805, 61.0852, 62.0923**, and **12.5724, 12.7317, 12.3845** is the 20% darker color. If you saturate the color by 10%, you get **27.3481, 27.2260, 24.2707**, and if you desaturate by 10%, it is **33.1366, 34.9091, 38.2041**.

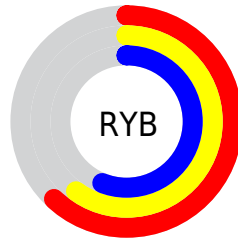
Distribution



Red (62%)

Green (58%)

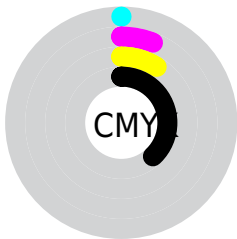
Blue (56%)



Red (62%)

Yellow (60%)

Blue (56%)

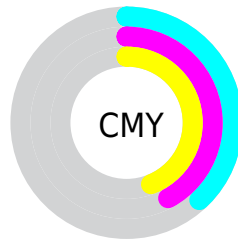


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0796, 30.8794, 30.7605 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 30.0796, 30.8794, 30.7605 by changing the saturation by 10% instead.

■ 30.0796, 30.8794,
30.7605

■ 30.0796, 30.8794,
30.7605

294.1785,
305.9823, 319.7504

■ 20.0474, 20.5070,
20.1596

■ 59.1738, 61.0501,
61.9380

■ 12.5380, 12.7641,
12.3259

■ 78.9665, 81.6173,
83.3516

■ 7.1860, 7.2663,
6.8408

102.7434,
106.3515, 109.2066

■ 3.6260, 3.6292,
3.2858

130.8699,
135.6372, 139.9214

■ 1.4928, 1.4684,
1.2424

163.7113,
169.8587, 175.9147

■ 0.3209, 0.2663,
0.0138

201.6329,

■ 0.0000, 0.0000,

209.4005, 217.6049

0.0000

245.0002,
254.6469, 265.4106

■ 30.0796, 30.8794,
30.7605

■ 30.0796, 30.8794,
30.7605

■ 27.3481, 27.2260,
24.2707

■ 33.1366, 34.9091,
38.2041

■ 24.9284, 23.9339,
18.6938

■ 36.5271, 39.3216,
46.6360

■ 22.8095, 20.9931,
13.9889

■ 40.2620, 44.1283,
56.0915

■ 20.9787, 18.3913,
10.1114

■ 44.3511, 49.3388,
66.6036

■ 19.4225, 16.1158,
7.0125

■ 48.8036, 54.9624,
78.2037

■ 18.1259, 14.1527,
4.6381

■ 53.6284, 61.0081,
90.9221

■ 17.0727, 12.4873,
2.9274

■ 58.7854, 67.4653,
104.5315

■ 16.2440, 11.1031,
1.8091

■ 61.7092, 73.3128,
105.5061

■ 15.6051, 9.9768,
1.1291

■ 64.8133, 79.5211,
106.5408

Harmonies

Analogous

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



30.5061, 30.8794, 32.1290



30.0796, 30.8794, 30.7605



29.4623, 30.8794, 30.1599

Triad

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



30.0796, 30.8794, 30.7605



28.1146, 30.8794, 33.3021



29.8825, 30.8794, 36.9980

Complementary

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



30.0796, 30.8794, 30.7605



29.3153, 31.5433, 37.3448

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.



29.2379, 30.8794, 37.3403



30.0796, 30.8794, 30.7605



28.2234, 30.8794, 35.1614

Square

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



30.0796, 30.8794, 30.7605



28.3328, 30.8794, 31.5921



28.6322, 30.8794, 36.6566



30.3911, 30.8794, 35.7379

Rectangle

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



30.0796, 30.8794, 30.7605



29.0280, 30.8794, 30.2591



28.6322, 30.8794, 36.6566



29.6743, 30.8794, 37.2261

Sweetspot

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



30.0805, 30.8808, 30.7612



57.2925, 59.8258, 63.3883



30.1046, 29.6510, 34.7089



12.8192, 13.3595, 14.0532



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.0805, 30.8808, 30.7612



52.9601, 54.0936, 52.9036



31.3052, 33.3302, 31.1694



6.8048, 6.9896, 6.9761



12.3348, 7.9051, 0.8757



0.2573, 0.2149, 0.0279

Inverse Universe

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



29.3153, 31.5433, 37.3448



51.3510, 55.4865, 66.7469



28.1162, 29.1452, 36.9451



6.6353, 7.1364, 8.4344



9.0508, 10.1931, 27.3977



0.1991, 0.2567, 0.5023

Previews

White Background



This preview shows how the XYZ color 30.0796, 30.8794, 30.7605 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 30.0796, 30.8794, 30.7605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

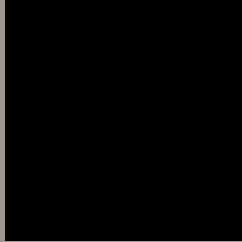
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0796, 30.8794, 30.7605

Background



This preview shows how black text looks on a background with the XYZ color 30.0796, 30.8794, 30.7605.



This preview shows how white text looks on a background with the XYZ color 30.0796, 30.8794,

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

30.0796, 30.8794, 30.7605

Protanopia

29.5347, 30.8256, 31.1813

Deuteranopia

31.5382, 30.9269, 31.0953



Tritanopia

31.3032, 30.9131, 36.6647

Trichromacy



Original Color

30.0796, 30.8794, 30.7605

Protanomaly

29.7275, 30.9249, 31.1904

Deuteranomaly

31.0616, 30.9111, 31.1174

Tritanomaly

30.8369, 30.9533, 34.4863

Monochromacy



Original Color

30.0796, 30.8794, 30.7605

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.5781, 30.8208, 32.4071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0796, 30.8794, 30.7605 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(159, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(159, 149, 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(159, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 149, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.0796, 30.8794, 30.7605 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(159, 149, 144) }
```


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

```
.border{ border-color:rgb(159, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 149, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 149, 144); box-shadow:4px 4px 4px 4px rgb(159, 149, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0796, 30.8794, 30.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 149, 144) }
```

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

```
.background{ background-color: rgb(159,  
149, 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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