

Converting Colors

XYZ(30.7893, 29.2558, 34.3210)

Have a look what the booklet for
XYZ(30.7893, 29.2558, 34.3210)
contains.

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Color

**XYZ(30.7917, 29.3490,
34.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	A58D99
RGB	165, 141, 153
RGB Percent	65%, 55%, 60%
CMY	0.3529, 0.4470, 0.4000
CMYK	0.00, 0.15, 0.07, 0.35
HSL	330°, 12%, 60%
HSV	330°, 15%, 65%
XYZ	30.7917, 29.3490, 34.1790
YIQ	149.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

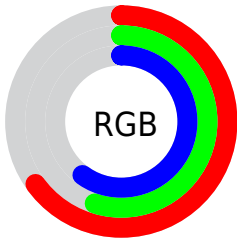
Format	Color
R _Y B	165, 141, 153
Decimal	10849689
CIE Lab	61.09, 11.12, -3.01
CIE LCh	61, 11.524, 344.844
Yxy	29.3490, 0.3265, 0.3112
Android (android.graphics.Color)	4289039769 (0xFFA58D99)
YUV	149.5440, 1.7038, 13.5549
Hunter-Lab	54.1747, 6.6497, 0.5161

Details

The XYZ color **30.7917, 29.3490, 34.1790** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1906, 34.8737, 35.2788**, and the grayscale version is **28.7870, 30.2862, 32.9816**.

A 20% lighter version of the original color is **60.2928, 58.7509, 67.1938**, and **12.9494, 11.9522, 14.1949** is the 20% darker color. If you saturate the color by 10%, you get **27.8798, 24.5780, 29.9616**, and if you desaturate by 10%, it is **34.1149, 34.8664, 38.7667**.

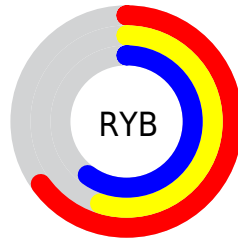
Distribution



Red (65%)

Green (55%)

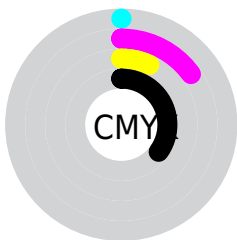
Blue (60%)



Red (65%)

Yellow (55%)

Blue (60%)

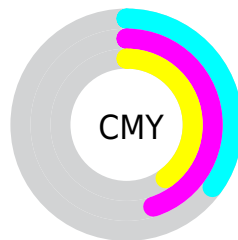


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (45%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7917, 29.3490, 34.1790 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 30.7917, 29.3490, 34.1790 by changing the saturation by 10% instead.


 30.7917, 29.3490,
34.1790


 30.7917, 29.3490,
34.1790


297.4216,
298.8581, 335.7230


 20.5913, 19.3450,
22.7527

 60.2901, 58.6311,
67.3490

 12.9364, 11.9198,
14.2074


 80.3187, 78.6780,
89.9298

 7.4614, 6.6891,
8.1247


 104.3543,
102.8413, 117.0658

 3.8012, 3.2684,
4.0859

132.7619,
131.5055, 149.1755

 1.5903, 1.2734,
1.6726

165.9072,
165.0548, 186.6776

 0.3861, 0.1205,
0.3418

204.1553,

 0.0000, 0.0000,

203.8738, 229.9905

0.0000

247.8716,
248.3467, 279.5327

■ 30.7917, 29.3490,
34.1790

■ 30.7917, 29.3490,
34.1790

■ 27.8798, 24.5780,
29.9616

■ 34.1149, 34.8664,
38.7667

■ 25.3597, 20.5171,
26.1024

■ 37.8629, 41.1566,
43.7327

■ 23.2141, 17.1331,
22.5912

■ 42.0513, 48.2496,
49.0869

■ 21.4235, 14.3881,
19.4163

■ 46.6946, 56.1726,
54.8386

■ 19.9663, 12.2408,
16.5654

■ 51.8063, 64.9513,
60.9964

■ 18.8184, 10.6448,
14.0253

■ 57.3995, 74.6106,
67.5686

■ 17.9524, 9.5471,
11.7812

■ 63.0048, 84.2105,
74.4029

■ 17.3349, 8.8829,
9.8161

■ 64.0647, 84.6344,
79.9839

■ 17.0589, 8.6161,
8.8448

■ 65.1784, 85.0799,
85.8486

Harmonies

Analogous

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



29.9926, 29.3490, 38.2196



30.7917, 29.3490, 34.1790



30.7961, 29.3490, 29.8735

Triad

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



30.7917, 29.3490, 34.1790



27.1584, 29.3490, 24.5756



25.8876, 29.3490, 38.1836

Complementary

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



30.7917, 29.3490, 34.1790



30.1906, 34.8737, 35.2788

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.



25.1827, 29.3490, 34.1333



30.7917, 29.3490, 34.1790



25.8982, 29.3490, 26.4172

Square

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



30.7917, 29.3490, 34.1790



28.6611, 29.3490, 24.5855



25.1866, 29.3490, 29.8317



27.1434, 29.3490, 40.6696

Rectangle

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



30.7917, 29.3490, 34.1790



30.3459, 29.3490, 27.4382



25.1866, 29.3490, 29.8317



25.5804, 29.3490, 36.9445

Sweetspot

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



30.7925, 29.3503, 34.1796



61.3951, 62.9408, 69.8305



29.4544, 28.5401, 39.5541



13.3220, 13.5928, 15.1309



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.7925, 29.3503, 34.1796



53.6306, 50.0670, 59.0563



29.8507, 28.9736, 29.2200



7.2145, 7.1423, 8.1161



12.9304, 6.5282, 6.8240



0.2955, 0.1467, 0.2690

Inverse Universe

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



30.7925, 29.3503, 34.1796



53.6306, 50.0670, 59.0563



31.2321, 35.2903, 40.7633



7.2145, 7.1423, 8.1161



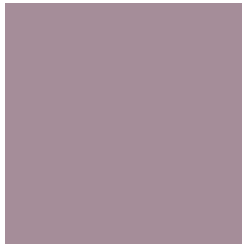
12.9304, 6.5282, 6.8240



0.2955, 0.1467, 0.2690

Previews

White Background



This preview shows how the XYZ color 30.7917, 29.3490, 34.1790 looks on a white background.

Color Contrast Check

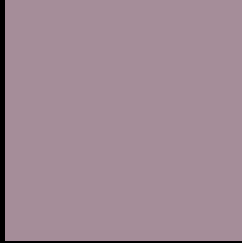
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7917, 29.3490, 34.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

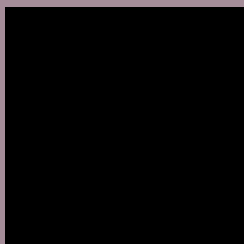
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7917, 29.3490, 34.1790

Background



This preview shows how black text looks on a background with the XYZ color 30.7917, 29.3490, 34.1790.



This preview shows how white text looks on a background with the XYZ color 30.7917, 29.3490,

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

30.7917, 29.3490, 34.1790

Protanopia

28.6472, 29.5636, 35.6490

Deuteranopia

30.0694, 29.4184, 34.2305



Tritanopia

30.7094, 29.3161, 33.7458

Trichromacy



Original Color

30.7917, 29.3490, 34.1790

Protanomaly

29.3682, 29.4874, 35.1541

Deuteranomaly

30.3231, 29.3273, 34.1995

Tritanomaly

30.7094, 29.3161, 33.7458

Monochromacy



Original Color

30.7917, 29.3490, 34.1790

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.5372, 30.0704, 33.5255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7917, 29.3490, 34.1790 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(165, 141, 153)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 153)  
}
```

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(165, 141, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.7917, 29.3490, 34.1790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

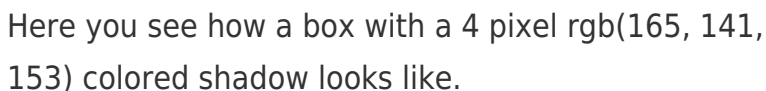
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 141, 153) }
```


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

```
.border{ border-color:rgb(165, 141, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 141, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 141, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 141, 153);  
box-shadow:4px 4px 4px 4px rgb(165, 141,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7917, 29.3490, 34.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 153) }
```

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

```
.background{ background-color: rgb(165,  
141, 153) }
```

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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