

Converting Colors

XYZ(30.5088, 30.4088, 34.3985)

Have a look what the booklet for
XYZ(30.5088, 30.4088, 34.3985)
contains.

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Color

**XYZ(30.5259, 30.3313,
34.3826)**

Conversions

Conversions Part 1

Format	Color
Hex	A09299
RGB	160, 146, 153
RGB Percent	63%, 57%, 60%
CMY	0.3725, 0.4274, 0.4000
CMYK	0.00, 0.09, 0.04, 0.37
HSL	330°, 7%, 60%
HSV	330°, 9%, 63%
XYZ	30.5259, 30.3313, 34.3826
YIQ	150.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

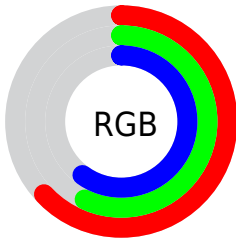
Format	Color
R_{YB}	160, 146, 153
Decimal	10523289
CIE Lab	61.94, 6.47, -1.82
CIE LCh	62, 6.716, 344.314
Yxy	30.3313, 0.3205, 0.3185
Android (android.graphics.Color)	4288713369 (0xFFA09299)
YUV	150.9840, 0.9939, 7.9070
Hunter-Lab	55.0739, 2.5583, 1.5370

Details

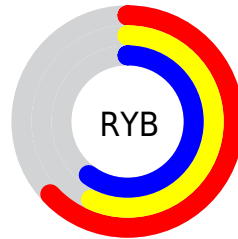
The XYZ color **30.5259, 30.3313, 34.3826** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1759, 33.5534, 35.0248**, and the grayscale version is **29.4034, 30.9346, 33.6878**.

A 20% lighter version of the original color is **59.9411, 60.2606, 67.5037**, and **12.8878, 12.5763, 14.3186** is the 20% darker color. If you saturate the color by 10%, you get **27.5913, 25.4843, 30.2524**, and if you desaturate by 10%, it is **33.8517, 35.8891, 38.8626**.

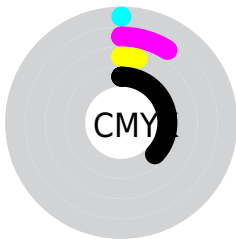
Distribution



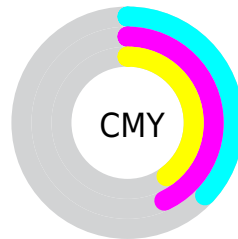
- Red (63%)
- Green (57%)
- Blue (60%)



- Red (63%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (37%)



- Cyan (37%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5259, 30.3313, 34.3826 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 30.5259, 30.3313, 34.3826 by changing the saturation by 10% instead.

■ 30.5259, 30.3313,
34.3826

■ 30.5259, 30.3313,
34.3826

296.2142,
303.4457, 336.6558

■ 20.3882, 20.0902,
22.9079

■ 59.8738, 60.1857,
67.6689

■ 12.7874, 12.4606,
14.3209

■ 79.8147, 80.5678,
90.3176

■ 7.3583, 7.0582,
8.2029

103.7540,
105.0990, 117.5281

■ 3.7355, 3.4985,
4.1354

132.0570,
134.1638, 149.7188

■ 1.5536, 1.3972,
1.6999

165.0892,
168.1464, 187.3085

■ 0.3619, 0.2147,
0.3607

203.2159,

■ 0.0000, 0.0000,

207.4313, 230.7155

0.0000

246.8025,
252.4030, 280.3584

■ 30.5259, 30.3313,
34.3826

■ 30.5259, 30.3313,
34.3826

■ 27.5913, 25.4843,
30.2524

■ 33.8517, 35.8891,
38.8626

■ 25.0303, 21.3152,
26.4609

■ 37.5805, 42.1809,
43.6994

■ 22.8276, 17.7946,
22.9988

■ 41.7266, 49.2338,
48.9022

■ 20.9658, 14.8891,
19.8560

■ 46.3029, 57.0722,
54.4792

■ 19.4260, 12.5626,
17.0213

■ 51.3218, 65.7196,
60.4382

■ 18.1874, 10.7749,
14.4831

■ 56.7950, 75.1983,
66.7871

■ 17.2267, 9.4808,
12.2284

■ 61.7678, 83.5978,
73.2111

■ 16.5164, 8.6274,
10.2429

■ 62.7839, 84.0043,
78.5618

■ 16.0038, 8.1110,
8.5036

■ 63.8504, 84.4309,
84.1783

Harmonies

Analogous

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



30.0538, 30.3313, 36.6970



30.5259, 30.3313, 34.3826



30.5370, 30.3313, 31.8164

Triad

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



30.5259, 30.3313, 34.3826



28.4036, 30.3313, 28.4561



27.6094, 30.3313, 36.6072

Complementary

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



30.5259, 30.3313, 34.3826



30.1759, 33.5534, 35.0248

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.



27.1859, 30.3313, 34.2651



30.5259, 30.3313, 34.3826



27.6379, 30.3313, 29.6077

Square

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



30.5259, 30.3313, 34.3826



29.2990, 30.3313, 28.4839



27.1962, 30.3313, 31.7048



28.3640, 30.3313, 38.0262

Rectangle

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



30.5259, 30.3313, 34.3826



30.2808, 30.3313, 30.3120



27.1962, 30.3313, 31.7048



27.4243, 30.3313, 35.8966

Sweetspot

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



30.5268, 30.3326, 34.3833



58.7740, 60.6545, 66.9786



29.7621, 29.8696, 37.4550



12.7866, 13.1296, 14.5503



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.



30.5268, 30.3326, 34.3833



54.6140, 53.7245, 61.3070



29.9655, 30.1081, 31.4278



6.7644, 6.6987, 7.6104



12.4428, 6.2817, 6.5827



0.2438, 0.1209, 0.2301

Inverse Universe

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



30.5268, 30.3326, 34.3833



54.6140, 53.7245, 61.3070



30.7710, 33.7915, 38.1588



6.7644, 6.6987, 7.6104



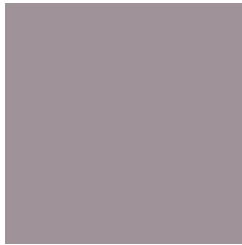
12.4428, 6.2817, 6.5827



0.2438, 0.1209, 0.2301

Previews

White Background



This preview shows how the XYZ color 30.5259, 30.3313, 34.3826 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 30.5259, 30.3313, 34.3826 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 30.5259, 30.3313, 34.3826

Background



This preview shows how black text looks on a background with the XYZ color 30.5259, 30.3313, 34.3826.



This preview shows how white text looks on a background with the XYZ color 30.5259, 30.3313,

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

30.5259, 30.3313, 34.3826

Protanopia

29.4263, 30.4408, 35.3351

Deuteranopia

30.9794, 30.3372, 34.3599



Tritanopia

30.9091, 30.2622, 36.1104

Trichromacy



Original Color

30.5259, 30.3313, 34.3826

Protanomaly

29.7491, 30.3829, 34.8684

Deuteranomaly

30.7755, 30.2321, 34.3503

Tritanomaly

30.8241, 30.2282, 35.6625

Monochromacy



Original Color

30.5259, 30.3313, 34.3826

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.7414, 30.6319, 34.0508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5259, 30.3313, 34.3826 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(160, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(160, 146, 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(160, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 146, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.5259, 30.3313, 34.3826 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(160, 146, 153) }
```


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

```
.border{ border-color:rgb(160, 146, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 146, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(160, 146,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5259, 30.3313, 34.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 146, 153) }
```

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

```
.background{ background-color: rgb(160,  
146, 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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