

Converting Colors

XYZ(30.1668, 29.9659, 33.5226)

Have a look what the booklet for
XYZ(30.1668, 29.9659, 33.5226)
contains.

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Color

**XYZ(30.2085, 29.9587,
33.4686)**

Conversions

Conversions Part 1

Format	Color
Hex	A09197
RGB	160, 145, 151
RGB Percent	63%, 57%, 59%
CMY	0.3725, 0.4314, 0.4078
CMYK	0.00, 0.09, 0.06, 0.37
HSL	336°, 7%, 60%
HSV	336°, 9%, 63%
XYZ	30.2085, 29.9587, 33.4686
YIQ	150.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

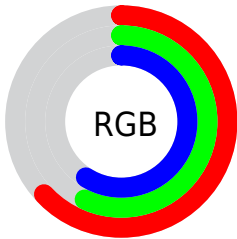
Format	Color
RYB	160, 145, 151
Decimal	10523031
CIELab	61.62, 6.66, -1.15
CIELCh	62, 6.755, 350.193
Yxy	29.9587, 0.3226, 0.3199
Android (android.graphics.Color)	4288713111 (0xFFA09197)
YUV	150.1690, 0.4097, 8.6218
Hunter-Lab	54.7345, 2.7304, 2.0600

Details

The XYZ color **30.2085, 29.9587, 33.4686** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0817, 33.4952, 35.4532**, and the grayscale version is **29.0581, 30.5713, 33.2922**.

A 20% lighter version of the original color is **59.4672, 59.7017, 66.1469**, and **12.5768, 12.2927, 13.7664** is the 20% darker color. If you saturate the color by 10%, you get **27.1856, 25.1101, 28.7693**, and if you desaturate by 10%, it is **33.6410, 35.5240, 38.6186**.

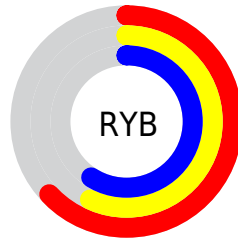
Distribution



Red (63%)

Green (57%)

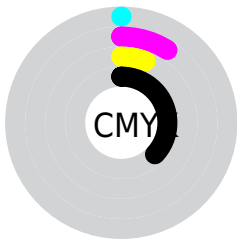
Blue (59%)



Red (63%)

Yellow (57%)

Blue (59%)

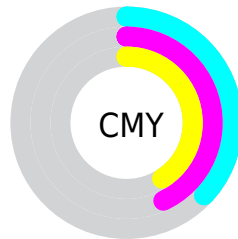


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (37%)



Cyan (37%)

Magenta (43%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2085, 29.9587, 33.4686 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 30.2085, 29.9587, 33.4686 by changing the saturation by 10% instead.

■ 30.2085, 29.9587,
33.4686

■ 30.2085, 29.9587,
33.4686

294.7675,
301.7119, 332.4525

■ 20.1458, 19.8072,
22.2116

■ 59.3761, 59.5969,
66.2309

■ 12.6099, 12.2550,
13.8127

■ 79.2117, 79.8523,
88.5732

■ 7.2356, 6.9176,
7.8532

103.0356,
104.2446, 115.4478

■ 3.6575, 3.4106,
3.9148

131.2132,
133.1581, 147.2731

■ 1.5103, 1.3497,
1.5787

164.1098,
166.9772, 184.4677

■ 0.3328, 0.1792,
0.2755

202.0909,

■ 0.0000, 0.0000,

206.0863, 227.4501

0.0000

245.5216,
250.8697, 276.6389

■ 30.2085, 29.9587,
33.4686

■ 30.2085, 29.9587,
33.4686

■ 27.1856, 25.1101,
28.7693

■ 33.6410, 35.5240,
38.6186

■ 24.5539, 20.9451,
24.5059

■ 37.4954, 41.8295,
44.2294

■ 22.2974, 17.4337,
20.6659

■ 41.7867, 48.9028,
50.3134

■ 20.3979, 14.5422,
17.2351

■ 46.5285, 56.7685,
56.8817

■ 18.8357, 12.2338,
14.1985

■ 51.7337, 65.4503,
63.9453

■ 17.5890, 10.4678,
11.5403

■ 57.4145, 74.9710,
71.5145

■ 16.6333, 9.1983,
9.2430

■ 62.9402, 84.0668,
79.3853

■ 15.9402, 8.3716,
7.2874

■ 64.2353, 84.5848,
86.2051

■ 15.4504, 7.8723,
5.6435

■ 65.6044, 85.1325,
93.4148

Harmonies

Analogous

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



29.8205, 29.9587, 35.8857



30.2085, 29.9587, 33.4686



30.1245, 29.9587, 30.9444

Triad

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



30.2085, 29.9587, 33.4686



27.8836, 29.9587, 28.2000



27.3848, 29.9587, 36.5637

Complementary

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



30.2085, 29.9587, 33.4686



30.0817, 33.4952, 35.4532

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.



26.8865, 29.9587, 34.3549



30.2085, 29.9587, 33.4686



27.1703, 29.9587, 29.5586

Square

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



30.2085, 29.9587, 33.4686



28.7697, 29.9587, 27.9905



26.8088, 29.9587, 31.7857



28.1821, 29.9587, 37.7336

Rectangle

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



30.2085, 29.9587, 33.4686



29.8128, 29.9587, 29.5347



26.8088, 29.9587, 31.7857



27.1775, 29.9587, 35.9128

Sweetspot

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



30.2094, 29.9600, 33.4692



58.6979, 60.6241, 66.5781



29.7980, 29.6603, 37.4126



12.7658, 13.1213, 14.4407



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.



30.2094, 29.9600, 33.4692



53.7865, 52.6830, 59.1400



29.9652, 30.2315, 31.0455



6.7375, 6.6879, 7.4686



12.0342, 6.1183, 4.4313



0.2354, 0.1175, 0.1860

Inverse Universe

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



30.2094, 29.9600, 33.4692



53.7865, 52.6830, 59.1400



30.3355, 33.1832, 38.0643



6.7375, 6.6879, 7.4686



12.0342, 6.1183, 4.4313



0.2354, 0.1175, 0.1860

Previews

White Background



This preview shows how the XYZ color 30.2085, 29.9587, 33.4686 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 30.2085, 29.9587, 33.4686 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 30.2085, 29.9587, 33.4686

Background



This preview shows how black text looks on a background with the XYZ color 30.2085, 29.9587, 33.4686.



This preview shows how white text looks on a background with the XYZ color 30.2085, 29.9587,

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

30.2085, 29.9587, 33.4686

Protanopia

28.9174, 29.9637, 34.3965

Deuteranopia

30.4595, 29.8623, 33.4368



Tritanopia

30.6720, 29.9239, 35.6118

Trichromacy



Original Color

30.2085, 29.9587, 33.4686

Protanomaly

29.4276, 30.0045, 33.9462

Deuteranomaly

30.2571, 29.7580, 33.4273

Tritanomaly

30.5039, 29.8567, 34.7270

Monochromacy



Original Color

30.2085, 29.9587, 33.4686

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.4214, 30.2518, 33.1427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2085, 29.9587, 33.4686 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, 145, 151)` looks like.

```
.text, #text, p{  
    color:rgb(160, 145, 151)  
}
```

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, 145, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 145, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.2085, 29.9587, 33.4686 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, 145, 151) }
```


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

```
.border{ border-color:rgb(160, 145, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 145, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 145, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 145, 151);  
box-shadow:4px 4px 4px 4px rgb(160, 145,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2085, 29.9587, 33.4686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 145, 151) }
```

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

```
.background{ background-color: rgb(160,  
145, 151) }
```

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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