

Converting Colors

XYZ(29.1527, 31.0858, 34.0048)

Have a look what the booklet for
XYZ(29.1527, 31.0858, 34.0048)
contains.

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Color

**XYZ(29.1085, 31.0194,
34.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	949898
RGB	148, 152, 152
RGB Percent	58%, 60%, 60%
CMY	0.4196, 0.4039, 0.4039
CMYK	0.03, 0.00, 0.00, 0.40
HSL	180°, 2%, 59%
HSV	180°, 3%, 60%
XYZ	29.1085, 31.0194, 34.1589
YIQ	150.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

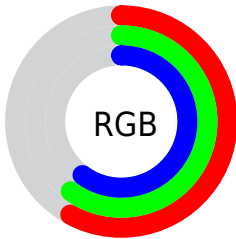
Format	Color
RYB	148, 150, 152
Decimal	9738392
CIELab	62.52, -1.44, -0.51
CIElCh	63, 1.527, 199.555
Yxy	31.0194, 0.3087, 0.3290
Android (android.graphics.Color)	4287928472 (0xFF949898)
YUV	150.8040, 0.5896, -2.4591
Hunter-Lab	55.6951, -4.1750, 2.6228

Details

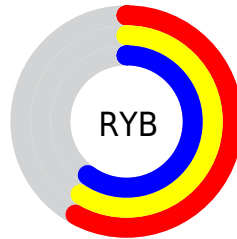
The XYZ color **29.1085, 31.0194, 34.1589** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8853, 29.9942, 32.2856**, and the grayscale version is **29.3307, 30.8582, 33.6045**.

A 20% lighter version of the original color is **57.5690, 61.1554, 67.1625**, and **11.9324, 12.7883, 14.1514** is the 20% darker color. If you saturate the color by 10%, you get **26.5370, 29.6947, 34.0348**, and if you desaturate by 10%, it is **32.0428, 32.5329, 34.3012**.

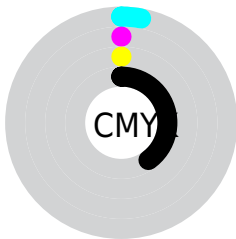
Distribution



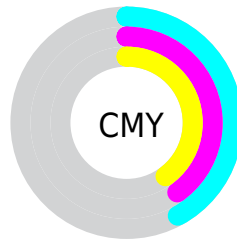
- Red (58%)
- Green (60%)
- Blue (60%)



- Red (58%)
- Yellow (59%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1085, 31.0194, 34.1589 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 29.1085, 31.0194, 34.1589 by changing the saturation by 10% instead.

■ 29.1085, 31.0194,
34.1589

■ 29.1085, 31.0194,
34.1589

289.7115,
306.6277, 335.6308

■ 19.3076, 20.6136,
22.7373

■ 57.6458, 61.2706,
67.3174

■ 11.9981, 12.8419,
14.1962

■ 77.1129, 81.8848,
89.8915

■ 6.8146, 7.3197,
8.1170

100.5328,
106.6707, 117.0201

■ 3.3917, 3.6629,
4.0810

128.2708,
136.0125, 149.1218

■ 1.3641, 1.4868,
1.6699

160.6924,
170.2947, 186.6152

■ 0.2304, 0.2794,
0.3400

198.1628,

■ 0.0000, 0.0000,

209.9017, 229.9188

0.0000

241.0474,
255.2179, 279.4511

■ 29.1085, 31.0194,
34.1589

■ 29.1085, 31.0194,
34.1589

■ 26.5370, 29.6947,
34.0348

■ 32.0428, 32.5329,
34.3012

■ 24.3118, 28.5477,
33.9264

■ 35.3506, 34.2380,
34.4604

■ 22.4189, 27.5719,
33.8334

■ 39.0451, 36.1425,
34.6376

■ 20.8422, 26.7592,
33.7553

■ 43.1385, 38.2526,
34.8335

■ 19.5647, 26.1007,
33.6911

■ 47.6420, 40.5742,
35.0486

■ 18.5673, 25.5867,
33.6401

■ 52.5668, 43.1129,
35.2835

■ 17.8291, 25.2062,
33.6012

■ 57.9233, 45.8741,
35.5385

■ 17.3260, 24.9469,
33.5733

■ 58.1431, 45.9874,
35.5532

■ 17.0296, 24.7942,
33.5551

■ 58.1439, 45.9877,
35.5575

Harmonies

Analogous

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



29.0922, 31.0194, 33.5680



29.1085, 31.0194, 34.1589



29.2248, 31.0194, 34.6523

Triad

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



29.1085, 31.0194, 34.1589



29.7878, 31.0194, 34.5218



29.5554, 31.0194, 32.6631

Complementary

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



29.1085, 31.0194, 34.1589



28.8853, 29.9942, 32.2856

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.



29.7427, 31.0194, 32.9124



29.1085, 31.0194, 34.1589



29.8773, 31.0194, 33.9825

Square

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



29.1085, 31.0194, 34.1589



29.6168, 31.0194, 34.8635



29.8607, 31.0194, 33.3937



29.3496, 31.0194, 32.7091

Rectangle

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



29.1085, 31.0194, 34.1589



29.3438, 31.0194, 34.8573



29.8607, 31.0194, 33.3937



29.6226, 31.0194, 32.7151

Sweetspot

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



29.1094, 31.0207, 34.1596



52.1700, 55.1599, 60.3302



28.7993, 30.8981, 32.4635



11.8646, 12.5407, 13.7126



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



29.1094, 31.0207, 34.1596



51.1724, 54.6457, 60.2819



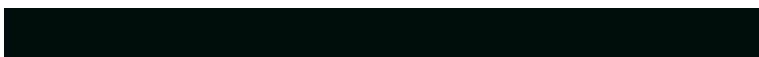
28.7981, 30.3979, 34.0569



6.7220, 7.2005, 7.9641



14.1598, 20.7274, 28.1258



0.2117, 0.3099, 0.4207

Inverse Universe

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



28.8853, 29.9942, 32.2856



50.7143, 52.5470, 56.4509



29.1911, 30.6061, 32.3865



6.6492, 6.8671, 7.3555



10.8579, 5.5974, 0.5108



0.1624, 0.0837, 0.0078

Previews

White Background



This preview shows how the XYZ color 29.1085, 31.0194, 34.1589 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 29.1085, 31.0194, 34.1589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

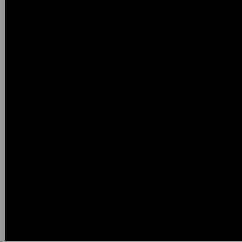
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

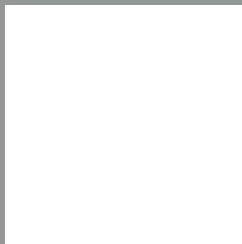
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1085, 31.0194, 34.1589

Background



This preview shows how black text looks on a background with the XYZ color 29.1085, 31.0194, 34.1589.



This preview shows how white text looks on a background with the XYZ color 29.1085, 31.0194, 34.1589.

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

29.1085, 31.0194, 34.1589

Protanopia

29.8187, 30.9171, 33.6741

Deuteranopia

31.5457, 30.8570, 34.4304



Tritanopia

30.0056, 30.9054, 38.5663

Trichromacy



Original Color

29.1085, 31.0194, 34.1589

Protanomaly

29.6014, 31.0430, 33.7099

Deuteranomaly

30.6377, 30.8506, 34.4770

Tritanomaly

29.6326, 30.9914, 36.7679

Monochromacy



Original Color

29.1085, 31.0194, 34.1589

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.2302, 30.8516, 33.6925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1085, 31.0194, 34.1589 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(148, 152, 152) looks like.

```
.text, #text, p{  
    color:rgb(148, 152, 152)  
}
```

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(148, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 152, 152) }
```

Border

The CSS property to change the border of an element to XYZ 29.1085, 31.0194, 34.1589 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(148, 152, 152) }
```


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

```
.border{ border-color:rgb(148, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(148, 152,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1085, 31.0194, 34.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 152, 152) }
```

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

```
.background{ background-color: rgb(148,  
152, 152) }
```

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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