

Converting Colors

XYZ(26.7483, 29.0983, 31.6903)

Have a look what the booklet for
XYZ(26.7483, 29.0983, 31.6903)
contains.

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Color

**XYZ(26.8291, 29.1769,
31.8214)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9593
RGB	140, 149, 147
RGB Percent	55%, 58%, 58%
CMY	0.4510, 0.4157, 0.4235
CMYK	0.06, 0.00, 0.01, 0.42
HSL	167°, 4%, 57%
HSV	167°, 6%, 58%
XYZ	26.8291, 29.1769, 31.8214
YIQ	146.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

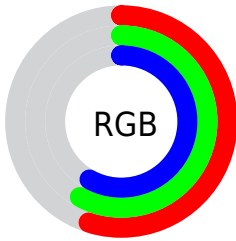
Format	Color
R_{YB}	140, 145, 149
Decimal	9213331
CIE Lab	60.94, -3.64, -0.07
CIE LCh	61, 3.639, 181.155
Yxy	29.1769, 0.3055, 0.3322
Android (android.graphics.Color)	4287403411 (0xFF8C9593)
YUV	146.0810, 0.4531, -5.3330
Hunter-Lab	54.0156, -5.8680, 2.8824

Details

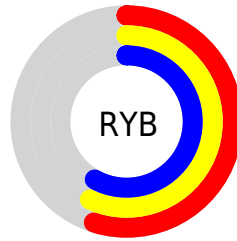
The XYZ color **26.8291, 29.1769, 31.8214** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6560, 27.0995, 29.4183**, and the grayscale version is **27.3551, 28.7796, 31.3410**.

A 20% lighter version of the original color is **54.1467, 58.3983, 63.6765**, and **10.7418, 11.7721, 13.0153** is the 20% darker color. If you saturate the color by 10%, you get **24.2303, 27.8676, 30.3621**, and if you desaturate by 10%, it is **29.7771, 30.6670, 33.3374**.

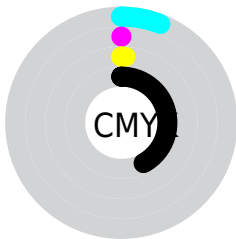
Distribution



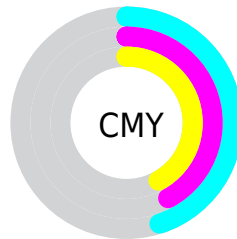
- Red (55%)
- Green (58%)
- Blue (58%)



- Red (55%)
- Yellow (57%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)



- Cyan (45%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8291, 29.1769, 31.8214 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 26.8291, 29.1769, 31.8214 by changing the saturation by 10% instead.

■ 26.8291, 29.1769,
31.8214

■ 26.8291, 29.1769,
31.8214

279.0114,
298.0487, 324.7725

■ 17.5808, 19.2147,
20.9614

■ 54.0313, 58.3580,
63.6256

■ 10.7473, 11.8255,
12.9048

■ 72.7160, 78.3457,
85.4070

■ 5.9632, 6.6250,
7.2331

■ 95.2769, 102.4440,
111.6659

■ 2.8632, 3.2287,
3.5277

122.0793,
131.0374, 142.8209

■ 1.0818, 1.2523,
1.3700

153.4886,
164.5101, 179.2905

■ 0.0098, 0.1038,
0.1181

189.8701,

■ 0.0000, 0.0000,

203.2467, 221.4933

0.0000

231.5893,
247.6314, 269.8478

■ 26.8291, 29.1769,
31.8214

■ 26.8291, 29.1769,
31.8214

■ 24.2303, 27.8676,
30.3621

■ 29.7771, 30.6670,
33.3374

■ 21.9645, 26.7283,
28.9566

■ 33.0847, 32.3407,
34.9090

■ 20.0181, 25.7528,
27.6045

■ 36.7648, 34.2057,
36.5378

■ 18.3753, 24.9330,
26.3048

■ 40.8291, 36.2678,
38.2247

■ 17.0193, 24.2602,
25.0562

■ 45.2888, 38.5328,
39.9705

■ 15.9314, 23.7247,
23.8577

■ 50.1545, 41.0062,
41.7760

■ 15.0906, 23.3159,
22.7079

■ 55.4364, 43.6933,
43.6419

■ 14.4728, 23.0211,
21.6053

■ 59.5808, 45.7931,
45.4959

■ 14.0428, 22.8225,
20.5478

■ 59.9068, 45.9235,
47.2128

Harmonies

Analogous

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



26.9399, 29.1769, 30.5241



26.8291, 29.1769, 31.8214



26.9579, 29.1769, 33.1405

Triad

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



26.8291, 29.1769, 31.8214



28.2067, 29.1769, 34.0588



28.1745, 29.1769, 29.5334

Complementary

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



26.8291, 29.1769, 31.8214



26.6560, 27.0995, 29.4183

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.



28.5203, 29.1769, 30.4353



26.8291, 29.1769, 31.8214



28.5390, 29.1769, 33.0467

Square

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



26.8291, 29.1769, 31.8214



27.7502, 29.1769, 34.4548



28.6545, 29.1769, 31.7160



27.7134, 29.1769, 29.2260

Rectangle

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



26.8291, 29.1769, 31.8214



27.1632, 29.1769, 33.8486



28.6545, 29.1769, 31.7160



28.3083, 29.1769, 29.7758

Sweetspot

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



26.8299, 29.1781, 31.8220



50.0822, 53.2795, 58.0601



26.6545, 29.1492, 29.0329



11.1138, 11.8150, 12.8746



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.8299, 29.1781, 31.8220



47.5043, 51.9780, 56.6938



26.6125, 28.4897, 32.5316



6.0222, 6.5973, 7.1959



11.7031, 19.1540, 17.0098



0.1542, 0.2388, 0.2657

Inverse Universe

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



26.6560, 27.0995, 29.4183



47.1388, 47.6093, 51.6422



26.8616, 27.7491, 28.7517



5.9744, 6.0263, 6.5356



10.6741, 5.4747, 1.7650



0.1401, 0.0708, 0.0714

Previews

White Background



This preview shows how the XYZ color 26.8291, 29.1769, 31.8214 looks on a white background.

Color Contrast Check

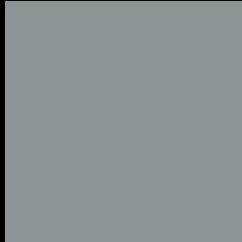
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8291, 29.1769, 31.8214 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

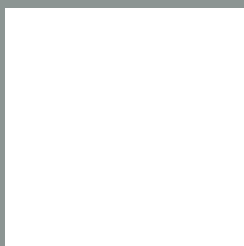
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8291, 29.1769, 31.8214

Background



This preview shows how black text looks on a background with the XYZ color 26.8291, 29.1769, 31.8214.

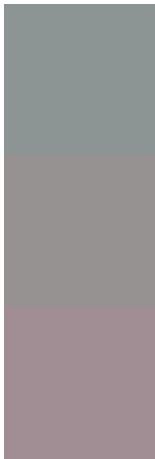


This preview shows how white text looks on a background with the XYZ color 26.8291, 29.1769,

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

26.8291, 29.1769, 31.8214

Protanopia

27.9674, 29.0861, 30.9282

Deuteranopia

29.5155, 28.9577, 32.0507



Tritanopia

27.8471, 29.1214, 36.9542

Trichromacy



Original Color

26.8291, 29.1769, 31.8214

Protanomaly

27.4761, 29.0538, 31.3539

Deuteranomaly

28.6076, 29.1612, 32.1379

Tritanomaly

27.4908, 29.2091, 35.1993

Monochromacy



Original Color

26.8291, 29.1769, 31.8214

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1236, 28.8721, 31.3374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8291, 29.1769, 31.8214 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(140, 149, 147) looks like.

```
.text, #text, p{  
    color:rgb(140, 149, 147)  
}
```

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(140, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 149, 147) }
```

Border

The CSS property to change the border of an element to XYZ 26.8291, 29.1769, 31.8214 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(140, 149, 147) }
```


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

```
.border{ border-color:rgb(140, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(140, 149,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8291, 29.1769, 31.8214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 149, 147) }
```

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

```
.background{ background-color: rgb(140,  
149, 147) }
```

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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