

Converting Colors

XYZ(31.3092, 29.4649, 27.0137)

Have a look what the booklet for
XYZ(31.3092, 29.4649, 27.0137)
contains.

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Color

**XYZ(31.4305, 29.6194,
26.9822)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8C87
RGB	175, 140, 135
RGB Percent	69%, 55%, 53%
CMY	0.3137, 0.4510, 0.4706
CMYK	0.00, 0.20, 0.23, 0.31
HSL	8°, 20%, 61%
HSV	8°, 23%, 69%
XYZ	31.4305, 29.6194, 26.9822
YIQ	149.8950, 22.4650, 5.8650

Conversions

Conversions Part 2

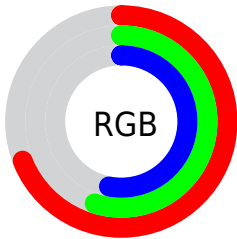
Format	Color
R_{YB}	175, 141, 135
Decimal	11504775
CIE _{Lab}	61.32, 12.46, 7.70
CIE _{LCh}	61, 14.649, 31.689
Yxy	29.6194, 0.3570, 0.3365
Android (android.graphics.Color)	4289694855 (0xFFAF8C87)
YUV	149.8950, -7.3432, 22.0171
Hunter-Lab	54.4237, 7.8449, 8.7018

Details

The XYZ color **31.4305, 29.6194, 26.9822** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.1040, 36.9946, 46.0064**, and the grayscale version is **28.9690, 30.4777, 33.1902**.

A 20% lighter version of the original color is **61.3239, 59.2033, 55.7722**, and **13.3219, 12.1058, 10.2288** is the 20% darker color. If you saturate the color by 10%, you get **28.2146, 24.9999, 20.3228**, and if you desaturate by 10%, it is **35.1619, 34.9453, 34.8133**.

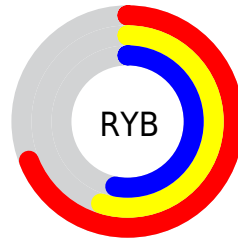
Distribution



Red (69%)

Green (55%)

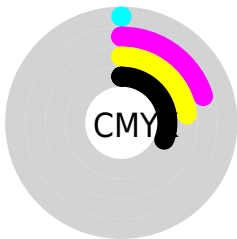
Blue (53%)



Red (69%)

Yellow (55%)

Blue (53%)

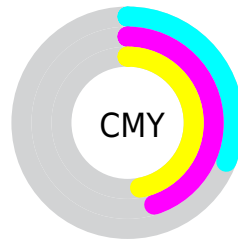


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (31%)



Cyan (31%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4305, 29.6194, 26.9822 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 31.4305, 29.6194, 26.9822 by changing the saturation by 10% instead.

■ 31.4305, 29.6194,
26.9822

■ 31.4305, 29.6194,
26.9822

300.3083,
300.1263, 301.3284

■ 21.0803, 19.5499,
17.3275

■ 61.2885, 59.0598,
55.8587

■ 13.2955, 12.0683,
10.3039

■ 81.5269, 79.1994,
75.9176

■ 7.7108, 6.7902,
5.4927

■ 105.7922,
103.4645, 100.2817

■ 3.9607, 3.3312,
2.4754

134.4497,
132.2395, 129.3694

■ 1.6799, 1.3070,
0.8271

167.8647,
165.9088, 163.5995

■ 0.4436, 0.1466,
0.0000

206.4026,

■ 0.0000, 0.0000,

204.8568, 203.3903

0.0000

250.4287,
249.4678, 249.1604

■ 31.4305, 29.6194,
26.9822

■ 31.4305, 29.6194,
26.9822

■ 28.2146, 24.9999,
20.3228

■ 35.1619, 34.9453,
34.8133

■ 25.4891, 21.0531,
14.7771

■ 39.4276, 41.0013,
43.8668

■ 23.2305, 17.7489,
10.2844

■ 44.2485, 47.8149,
54.1926

■ 21.4122, 15.0531,
6.7781

■ 49.6436, 55.4112,
65.8374

■ 20.0051, 12.9283,
4.1836

■ 55.6310, 63.8140,
78.8453

■ 18.9763, 11.3330,
2.4157

■ 62.2280, 73.0460,
93.2587

■ 18.2879, 10.2199,
1.3729

■ 69.0458, 82.9669,
106.9829

■ 17.9641, 9.6836,
0.9223

■ 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



32.0281, 29.6194, 31.9382



31.4305, 29.6194, 26.9822



29.9497, 29.6194, 23.7675

Triad

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



31.4305, 29.6194, 26.9822



25.0092, 29.6194, 27.4669



28.2619, 29.6194, 44.0864

Complementary

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



31.4305, 29.6194, 26.9822



32.1040, 36.9946, 46.0064

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.



26.4284, 29.6194, 42.5442



31.4305, 29.6194, 26.9822



24.6026, 29.6194, 32.5648

Square

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



31.4305, 29.6194, 26.9822



26.2471, 29.6194, 24.0240



25.1105, 29.6194, 38.1634



30.1476, 29.6194, 42.1685

Rectangle

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



31.4305, 29.6194, 26.9822



28.6923, 29.6194, 22.8336



25.1105, 29.6194, 38.1634



27.6192, 29.6194, 43.9547

Sweetspot

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



31.4313, 29.6208, 26.9828



67.2356, 68.6431, 71.3755



33.6308, 29.3572, 42.0901



14.8450, 15.1163, 15.6541



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.4313, 29.6208, 26.9828



53.5243, 49.0810, 42.5721



34.5658, 35.8898, 28.0277



8.0830, 8.1708, 8.3645



12.8905, 6.9864, 0.6691



0.3834, 0.2439, 0.0269

Inverse Universe

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



32.1040, 36.9946, 46.0064



54.9218, 64.4271, 82.1779



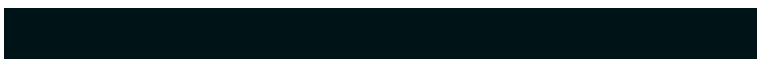
28.6895, 30.1657, 44.8682



8.1496, 8.8985, 10.2408



13.7427, 18.6192, 31.9141



0.4057, 0.5648, 0.8956

Previews

White Background



This preview shows how the XYZ color 31.4305, 29.6194, 26.9822 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 31.4305, 29.6194, 26.9822 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 31.4305, 29.6194, 26.9822

Background



This preview shows how black text looks on a background with the XYZ color 31.4305, 29.6194, 26.9822.



This preview shows how white text looks on a background with the XYZ color 31.4305, 29.6194,

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

31.4305, 29.6194, 26.9822

Protanopia

28.3870, 29.8162, 28.6850

Deuteranopia

30.2740, 29.6910, 26.6896



Tritanopia

32.6448, 29.6940, 32.4447

Trichromacy



Original Color

31.4305, 29.6194, 26.9822

Protanomaly

29.4108, 29.6628, 28.2201

Deuteranomaly

30.7707, 29.7252, 26.6700

Tritanomaly

32.1712, 29.7090, 30.4244

Monochromacy



Original Color

31.4305, 29.6194, 26.9822

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.6878, 29.9730, 31.0087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4305, 29.6194, 26.9822 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(175, 140, 135)` looks like.

```
.text, #text, p{  
    color:rgb(175, 140, 135)  
}
```

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(175, 140, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 140, 135) }
```

Border

The CSS property to change the border of an element to XYZ 31.4305, 29.6194, 26.9822 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(175, 140, 135) }
```


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

```
.border{ border-color:rgb(175, 140, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 140, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 140, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 140, 135);  
box-shadow:4px 4px 4px 4px rgb(175, 140,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4305, 29.6194, 26.9822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 140, 135) }
```

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

```
.background{ background-color: rgb(175,  
140, 135) }
```

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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