

Converting Colors

XYZ(31.3704, 29.7383, 25.2417)

Have a look what the booklet for
XYZ(31.3704, 29.7383, 25.2417)
contains.

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Color

**XYZ(31.4586, 29.8916,
25.2307)**

Conversions

Conversions Part 1

Format	Color
Hex	B08D82
RGB	176, 141, 130
RGB Percent	69%, 55%, 51%
CMY	0.3098, 0.4470, 0.4902
CMYK	0.00, 0.20, 0.26, 0.31
HSL	14°, 23%, 60%
HSV	14°, 26%, 69%
XYZ	31.4586, 29.8916, 25.2307
YIQ	150.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

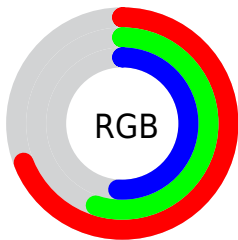
Format	Color
R_{YB}	176, 144, 130
Decimal	11570562
CIE Lab	61.56, 11.55, 10.88
CIE LCh	62, 15.868, 43.293
Yxy	29.8916, 0.3633, 0.3452
Android (android.graphics.Color)	4289760642 (0xFFB08D82)
YUV	150.2110, -9.9640, 22.6170
Hunter-Lab	54.6732, 7.0296, 10.9100

Details

The XYZ color **31.4586, 29.8916, 25.2307** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.4970, 34.7895, 46.1819**, and the grayscale version is **29.1134, 30.6296, 33.3556**.

A 20% lighter version of the original color is **61.3411, 59.6049, 53.0716**, and **13.3947, 12.2872, 9.4503** is the 20% darker color. If you saturate the color by 10%, you get **28.5205, 25.7470, 18.9131**, and if you desaturate by 10%, it is **34.8391, 34.5973, 32.6934**.

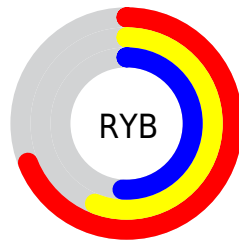
Distribution



Red (69%)

Green (55%)

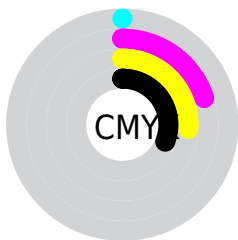
Blue (51%)



Red (69%)

Yellow (56%)

Blue (51%)

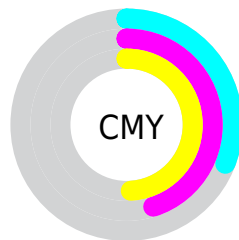


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (45%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4586, 29.8916, 25.2307 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 31.4586, 29.8916, 25.2307 by changing the saturation by 10% instead.


 31.4586, 29.8916,
25.2307


 31.4586, 29.8916,
25.2307


300.4348,
301.3988, 292.4693


 21.1018, 19.7563,
16.0284


 61.3323, 59.4907,
53.0000

 13.3114, 12.2180,
9.3897


 81.5800, 79.7233,
72.4041

 7.7218, 6.8924,
4.8960


 105.8553,
104.0905, 96.0459

 3.9677, 3.3949,
2.1287

134.5237,
132.9767, 124.3439

 1.6839, 1.3412,
0.6328

167.9505,
166.7662, 157.7168

 0.4462, 0.1728,
0.0000

206.5011,

 0.0000, 0.0000,

205.8435, 196.5829

0.0000

250.5407,
250.5929, 241.3609

■ 31.4586, 29.8916,
25.2307

■ 31.4586, 29.8916,
25.2307

■ 28.5205, 25.7470,
18.9131

■ 34.8391, 34.5973,
32.6934

■ 26.0037, 22.1382,
13.6817

■ 38.6772, 39.8797,
41.3524

■ 23.8889, 19.0442,
9.4753

■ 42.9903, 45.7593,
51.2579

■ 22.1540, 16.4409,
6.2257

■ 47.7943, 52.2541,
62.4567

■ 20.7749, 14.3023,
3.8562

■ 53.1041, 59.3813,
74.9933

■ 19.7245, 12.5996,
2.2786

■ 58.9342, 67.1576,
88.9099

■ 18.9693, 11.3002,
1.3767

■ 65.2982, 75.5989,
104.2470

■ 18.7361, 10.8933,
1.1151

■ 69.5598, 83.6607,
107.0897

■ 71.7145, 87.9701,
107.8079

Harmonies

Analogous

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



32.5330, 29.8916, 29.9548



31.4586, 29.8916, 25.2307



29.5900, 29.8916, 22.6631

Triad

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



31.4586, 29.8916, 25.2307



24.7097, 29.8916, 29.3284



29.3515, 29.8916, 45.1751

Complementary

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



31.4586, 29.8916, 25.2307



30.4970, 34.7895, 46.1819

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.



27.2639, 29.8916, 44.9532



31.4586, 29.8916, 25.2307



24.6529, 29.8916, 35.2843

Square

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



31.4586, 29.8916, 25.2307



25.7262, 29.8916, 24.8211



25.5670, 29.8916, 41.1561



31.2766, 29.8916, 41.7294

Rectangle

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



31.4586, 29.8916, 25.2307



28.1793, 29.8916, 22.2959



25.5670, 29.8916, 41.1561



28.6441, 29.8916, 45.5386

Sweetspot

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



31.4594, 29.8930, 25.2313



68.6844, 70.3228, 71.6737



32.7031, 27.9220, 39.3907



14.6555, 14.9249, 15.0128



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.



31.4594, 29.8930, 25.2313



54.0779, 50.0270, 39.3141



35.1617, 37.2975, 26.4654



8.6560, 8.8244, 8.8996



13.7861, 8.0707, 0.8312



0.4796, 0.3455, 0.0414

Inverse Universe

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



30.4970, 34.7895, 46.1819



52.0472, 60.3181, 83.3947



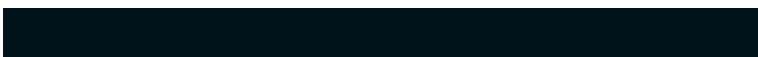
26.7554, 27.3062, 44.9347



8.5670, 9.2802, 10.8461



12.0414, 14.8832, 32.3751



0.4206, 0.5518, 1.0326

Previews

White Background



This preview shows how the XYZ color 31.4586, 29.8916, 25.2307 looks on a white background.

Color Contrast Check

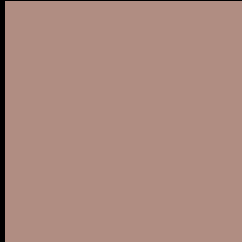
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4586, 29.8916, 25.2307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

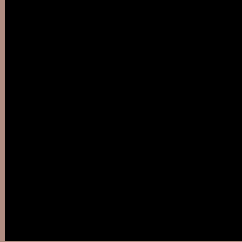
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4586, 29.8916, 25.2307

Background



This preview shows how black text looks on a background with the XYZ color 31.4586, 29.8916, 25.2307.



This preview shows how white text looks on a background with the XYZ color 31.4586, 29.8916,

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

31.4586, 29.8916, 25.2307

Protanopia

28.4105, 29.8696, 26.8223

Deuteranopia

30.4293, 29.8027, 25.2678



Tritanopia

32.8734, 29.8119, 32.4554

Trichromacy



Original Color

31.4586, 29.8916, 25.2307

Protanomaly

29.4633, 29.7308, 26.3760

Deuteranomaly

30.7155, 29.7284, 25.2384

Tritanomaly

32.2466, 29.7653, 29.6369

Monochromacy



Original Color

31.4586, 29.8916, 25.2307

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.6897, 30.2215, 30.2551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4586, 29.8916, 25.2307 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(176, 141, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 141, 130)  
}
```

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(176, 141, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 141, 130) }
```

Border

The CSS property to change the border of an element to XYZ 31.4586, 29.8916, 25.2307 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(176, 141, 130) }
```


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

```
.border{ border-color:rgb(176, 141, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 141, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 141, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 141, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 141,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4586, 29.8916, 25.2307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 141, 130) }
```

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

```
.background{ background-color: rgb(176,  
141, 130) }
```

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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