

Converting Colors

XYZ(29.6727, 26.2910, 24.7967)

Have a look what the booklet for
XYZ(29.6727, 26.2910, 24.7967)
contains.

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Color

**XYZ(29.6529, 26.2802,
24.6288)**

Conversions

Conversions Part 1

Format	Color
Hex	B08082
RGB	176, 128, 130
RGB Percent	69%, 50%, 51%
CMY	0.3098, 0.4980, 0.4902
CMYK	0.00, 0.27, 0.26, 0.31
HSL	358°, 23%, 60%
HSV	358°, 27%, 69%
XYZ	29.6529, 26.2802, 24.6288
YIQ	142.5800, 27.9660, 10.7980

Conversions

Conversions Part 2

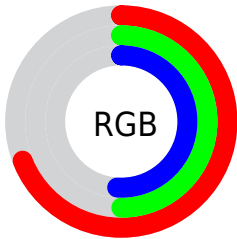
Format	Color
RYB	176, 128, 130
Decimal	11567234
CIELab	58.30, 18.85, 6.25
CIELCh	58, 19.856, 18.341
Yxy	26.2802, 0.3681, 0.3262
Android (android.graphics.Color)	4289757314 (0xFFB08082)
YUV	142.5800, -6.2019, 29.3093
Hunter-Lab	51.2642, 13.5379, 7.4003

Details

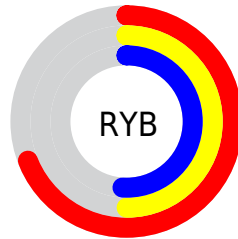
The XYZ color **29.6529, 26.2802, 24.6288** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.0685, 38.6964, 45.8253**, and the grayscale version is **25.9579, 27.3097, 29.7403**.

A 20% lighter version of the original color is **58.3498, 53.6224, 52.0745**, and **12.2356, 10.1804, 9.1047** is the 20% darker color. If you saturate the color by 10%, you get **26.5123, 21.6648, 18.4464**, and if you desaturate by 10%, it is **33.3787, 31.7687, 31.9226**.

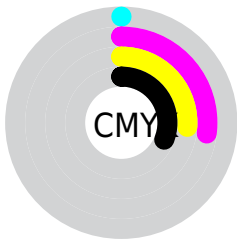
Distribution



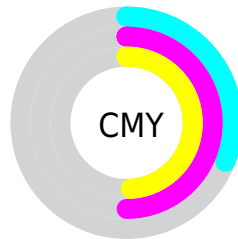
- Red (69%)
- Green (50%)
- Blue (51%)



- Red (69%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (31%)



- Cyan (31%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6529, 26.2802, 24.6288 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 29.6529, 26.2802, 24.6288 by changing the saturation by 10% instead.

■ 29.6529, 26.2802,
24.6288

■ 29.6529, 26.2802,
24.6288

292.2221,
284.1549, 289.3725

■ 19.7220, 17.0334,
15.5842

■ 58.5032, 53.7266,
52.0110

■ 12.3002, 10.2583,
9.0793

■ 78.1534, 72.6950,
71.1857

■ 7.0222, 5.5705,
4.6954

■ 101.7741, 95.6727,
94.5742

■ 3.5224, 2.5858,
2.0141

129.7306,
123.0442, 122.5951

■ 1.4357, 0.9195,
0.5639

162.3883,
155.1937, 155.6668

■ 0.2814, 0.0000,
0.0000

200.1125,

■ 0.0000, 0.0000,

192.5057, 194.2079

0.0000

243.2687,
235.3647, 238.6370

■ 29.6529, 26.2802,
24.6288

■ 29.6529, 26.2802,
24.6288

■ 26.5123, 21.6648,
18.4464

■ 33.3787, 31.7687,
31.9226

■ 23.9253, 17.8740,
13.3194

■ 37.7152, 38.1681,
40.3769

■ 21.8603, 14.8604,
9.1893


■ 42.6887, 45.5185,
50.0399


■ 20.2818, 12.5702,
5.9912


■ 48.3236, 53.8565,
60.9563


■ 19.1499, 10.9426,
3.6527


■ 54.6428, 63.2168,
73.1689


 18.4184, 9.9072,
2.0905

 61.6683, 73.6323,
86.7183

 18.0225, 9.3608,
1.2023

 69.4209, 85.1346,
101.6433

 17.9446, 9.2461,
1.0491

 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.



29.8103, 26.2802, 31.3886



29.6529, 26.2802, 24.6288



28.1956, 26.2802, 19.7809

Triad

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



29.6529, 26.2802, 24.6288



21.6659, 26.2802, 20.6506



24.0514, 26.2802, 43.7233

Complementary

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



29.6529, 26.2802, 24.6288



32.0685, 38.6964, 45.8253

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.



22.0160, 26.2802, 39.7506



29.6529, 26.2802, 24.6288



20.6993, 26.2802, 26.0092

Square

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



29.6529, 26.2802, 24.6288



23.5450, 26.2802, 17.7523



20.8232, 26.2802, 33.0089



26.4691, 26.2802, 43.1930

Rectangle

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



29.6529, 26.2802, 24.6288



26.7327, 26.2802, 17.9447



20.8232, 26.2802, 33.0089



23.3028, 26.2802, 42.8472

Sweetspot

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



29.6536, 26.2814, 24.6293



67.6735, 68.1471, 71.8106



32.9229, 27.5270, 44.6523



14.4012, 14.3777, 15.0470



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.



29.6536, 26.2814, 24.6293



50.0683, 42.2055, 37.3678



32.6441, 32.4748, 24.9715



8.5102, 8.5108, 8.9192



13.1717, 6.7862, 0.7984



0.4192, 0.2154, 0.0499

Inverse Universe

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



29.6536, 26.2814, 24.6293



50.0683, 42.2055, 37.3678



28.3614, 30.9683, 45.5570



8.5102, 8.5108, 8.9192



13.1717, 6.7862, 0.7984



0.4192, 0.2154, 0.0499

Previews

White Background



This preview shows how the XYZ color 29.6529, 26.2802, 24.6288 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 29.6529, 26.2802, 24.6288 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 29.6529, 26.2802, 24.6288

Background



This preview shows how black text looks on a background with the XYZ color 29.6529, 26.2802, 24.6288.



This preview shows how white text looks on a background with the XYZ color 29.6529, 26.2802,

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

29.6529, 26.2802, 24.6288

Protanopia

25.3236, 26.4630, 27.0657

Deuteranopia

26.8672, 26.4624, 24.4606



Tritanopia

30.2362, 26.3320, 27.1559

Trichromacy



Original Color

29.6529, 26.2802, 24.6288

Protanomaly

26.8175, 26.3975, 26.2360

Deuteranomaly

27.8670, 26.3594, 24.3880

Tritanomaly

30.0239, 26.2471, 26.0380

Monochromacy



Original Color

29.6529, 26.2802, 24.6288

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1935, 26.9805, 27.8193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6529, 26.2802, 24.6288 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, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 128, 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, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 128, 130) }
```

Border

The CSS property to change the border of an element to XYZ 29.6529, 26.2802, 24.6288 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, 128, 130) }
```


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

```
.border{ border-color:rgb(176, 128, 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, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 128,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6529, 26.2802, 24.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 128, 130) }
```

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

```
.background{ background-color: rgb(176,  
128, 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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