

Converting Colors

XYZ(29.7261, 29.7662, 24.9481)

Have a look what the booklet for
XYZ(29.7261, 29.7662, 24.9481)
contains.

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Color

**XYZ(29.6616, 29.6385,
24.9263)**

Conversions

Conversions Part 1

Format	Color
Hex	A69081
RGB	166, 144, 129
RGB Percent	65%, 56%, 51%
CMY	0.3490, 0.4353, 0.4941
CMYK	0.00, 0.13, 0.22, 0.35
HSL	24°, 17%, 58%
HSV	24°, 22%, 65%
XYZ	29.6616, 29.6385, 24.9263
YIQ	148.8680, 17.9270, -0.0010

Conversions

Conversions Part 2

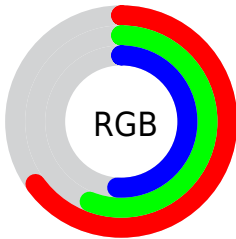
Format	Color
RYB	166, 154, 129
Decimal	10915969
CIELab	61.34, 5.78, 11.00
CIElCh	61, 12.426, 62.274
Yxy	29.6385, 0.3522, 0.3519
Android (android.graphics.Color)	4289106049 (0xFFA69081)
YUV	148.8680, -9.7949, 15.0248
Hunter-Lab	54.4413, 1.9812, 10.9625

Details

The XYZ color **29.6616, 29.6385, 24.9263** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.0026, 29.5527, 40.3577**, and the grayscale version is **28.5468, 30.0335, 32.7065**.

A 20% lighter version of the original color is **58.4564, 59.1377, 52.5897**, and **12.3901, 12.1620, 9.2839** is the 20% darker color. If you saturate the color by 10%, you get **27.2168, 26.3735, 19.1027**, and if you desaturate by 10%, it is **32.4179, 33.2393, 31.7389**.

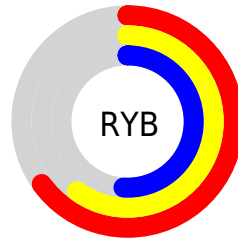
Distribution



Red (65%)

Green (56%)

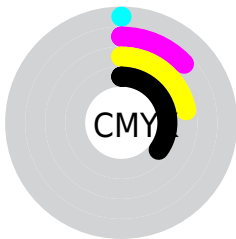
Blue (51%)



Red (65%)

Yellow (60%)

Blue (51%)

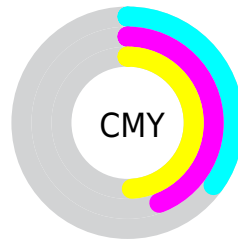


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (35%)



Cyan (35%)


Magenta (44%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6616, 29.6385, 24.9263 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 29.6616, 29.6385, 24.9263 by changing the saturation by 10% instead.


 29.6616, 29.6385,
24.9263


 29.6616, 29.6385,
24.9263

292.2621,
300.2158, 290.9066


 19.7287, 19.5644,
15.8036


 58.5169, 59.0900,
52.5003

 12.3051, 12.0788,
9.2325


 78.1700, 79.2362,
71.7887

 7.0255, 6.7974,
4.7942


 101.7939,
103.5085, 95.3027

 3.5245, 3.3357,
2.0704

129.7539,
132.2913, 123.4609

 1.4368, 1.3094,
0.5981

162.4153,
165.9691, 156.6819

 0.2822, 0.1485,
0.0000

200.1436,

 0.0000, 0.0000,

204.9261, 195.3842

0.0000

243.3041,
249.5469, 239.9862

■ 29.6616, 29.6385,
24.9263

■ 29.6616, 29.6385,
24.9263

■ 27.2168, 26.3735,
19.1027

■ 32.4179, 33.2393,
31.7389

■ 25.0693, 23.4302,
14.2195

■ 35.4947, 37.1814,
39.5822

■ 23.2069, 20.7991,
10.2270

■ 38.9035, 41.4755,
48.4976

■ 21.6158, 18.4690,
7.0699

■ 42.6542, 46.1304,
58.5238

■ 20.2808, 16.4277,
4.6868

■ 46.7568, 51.1545,
69.6976

■ 19.1849, 14.6620,
3.0074

■ 51.2204, 56.5563,
82.0540

■ 18.3082, 13.1573,
1.9487

■ 56.0539, 62.3434,
95.6266

■ 17.7518, 12.1587,
1.4112

■ 60.1514, 68.0780,
104.5778

■ 62.8648, 73.5047,
105.4822

Harmonies

Analogous

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



30.9187, 29.6385, 27.6899



29.6616, 29.6385, 24.9263



28.0457, 29.6385, 24.0703

Triad

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



29.6616, 29.6385, 24.9263



25.1387, 29.6385, 32.6305



29.8862, 29.6385, 40.5157

Complementary

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



29.6616, 29.6385, 24.9263



27.0026, 29.5527, 40.3577

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.



28.2957, 29.6385, 42.1509



29.6616, 29.6385, 24.9263



25.5902, 29.6385, 37.3320

Square

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



29.6616, 29.6385, 24.9263



25.4732, 29.6385, 28.2534



26.7302, 29.6385, 40.9336



31.0518, 29.6385, 36.6531

Rectangle

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



29.6616, 29.6385, 24.9263



26.9933, 29.6385, 24.6222



26.7302, 29.6385, 40.9336



29.3814, 29.6385, 41.3601

Sweetspot

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



29.6624, 29.6398, 24.9269



61.6418, 63.9379, 64.7076



29.1786, 26.0487, 32.8537



13.7241, 14.2182, 14.3017



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.6624, 29.6398, 24.9269



51.4516, 50.6287, 39.5110



32.6618, 35.6387, 25.9267



7.7715, 8.0231, 7.9283



13.8091, 9.5155, 1.1089



0.3865, 0.3325, 0.0438

Inverse Universe

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



27.0026, 29.5527, 40.3577



45.7114, 50.4374, 72.8014



24.2830, 24.1137, 39.4512



7.4886, 8.0141, 9.5705



8.8211, 9.1024, 29.2675



0.2629, 0.3180, 0.7282

Previews

White Background



This preview shows how the XYZ color 29.6616, 29.6385, 24.9263 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 29.6616, 29.6385, 24.9263 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 29.6616, 29.6385, 24.9263

Background



This preview shows how black text looks on a background with the XYZ color 29.6616, 29.6385, 24.9263.



This preview shows how white text looks on a background with the XYZ color 29.6616, 29.6385,

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

29.6616, 29.6385, 24.9263

Protanopia

28.2042, 29.7871, 25.7357

Deuteranopia

30.1471, 29.6649, 24.9059



Tritanopia

31.5546, 29.7518, 33.7853

Trichromacy



Original Color

29.6616, 29.6385, 24.9263

Protanomaly

28.7611, 29.8501, 25.3649

Deuteranomaly

29.9334, 29.5547, 24.8959

Tritanomaly

30.8555, 29.6844, 30.4890

Monochromacy



Original Color

29.6616, 29.6385, 24.9263

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8338, 29.7890, 29.8213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6616, 29.6385, 24.9263 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(166, 144, 129)` looks like.

```
.text, #text, p{  
    color:rgb(166, 144, 129)  
}
```

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(166, 144, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 144, 129) }
```

Border

The CSS property to change the border of an element to XYZ 29.6616, 29.6385, 24.9263 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(166, 144, 129) }
```


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

```
.border{ border-color:rgb(166, 144, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 144, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 144, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 144, 129);  
box-shadow:4px 4px 4px 4px rgb(166, 144,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6616, 29.6385, 24.9263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 144, 129) }
```

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

```
.background{ background-color: rgb(166,  
144, 129) }
```

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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