

Converting Colors

XYZ(24.3050, 27.4176, 20.8407)

Have a look what the booklet for
XYZ(24.3050, 27.4176, 20.8407)
contains.

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Color

**XYZ(24.3050, 27.4176,
20.8407)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9275
RGB	140, 146, 117
RGB Percent	55%, 57%, 46%
CMY	0.4510, 0.4274, 0.5412
CMYK	0.04, 0.00, 0.20, 0.43
HSL	72°, 12%, 52%
HSV	72°, 20%, 57%
XYZ	24.3050, 27.4176, 20.8407
YIQ	140.9000, 5.7330, -10.2910

Conversions

Conversions Part 2

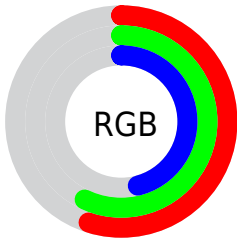
Format	Color
R_{YB}	117, 146, 123
Decimal	9212533
CIE _{Lab}	59.36, -7.46, 14.67
CIE _{LCh}	59, 16.457, 116.957
Yxy	27.4176, 0.3349, 0.3778
Android (android.graphics.Color)	4287402613 (0xFF8C9275)
YUV	140.9000, -11.7827, -0.7893
Hunter-Lab	52.3618, -8.7781, 13.0551

Details

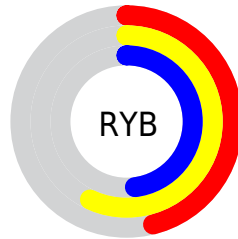
The XYZ color **24.3050, 27.4176, 20.8407** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.7190, 19.0096, 29.8256**, and the grayscale version is **25.3220, 26.6407, 29.0117**.

A 20% lighter version of the original color is **50.0638, 55.6425, 45.6375**, and **9.4735, 10.9691, 7.2482** is the 20% darker color. If you saturate the color by 10%, you get **23.0107, 26.8428, 16.6432**, and if you desaturate by 10%, it is **25.7487, 28.0556, 25.7453**.

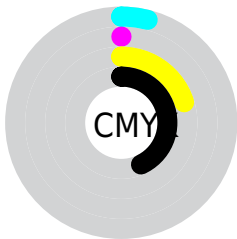
Distribution



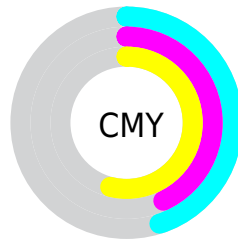
- Red (55%)
- Green (57%)
- Blue (46%)



- Red (46%)
- Yellow (57%)
- Blue (48%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3050, 27.4176, 20.8407 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 24.3050, 27.4176, 20.8407 by changing the saturation by 10% instead.

■ 24.3050, 27.4176,
20.8407

■ 24.3050, 27.4176,
20.8407

266.7708,
289.6734, 269.1839

■ 15.6860, 17.8871,
12.8175

■ 49.9785, 55.5533,
45.6996

■ 9.3917, 10.8690,
7.1737

■ 67.7637, 74.9272,
63.3724

■ 5.0567, 5.9788,
3.4909

■ 89.3351, 98.3511,
85.0988

■ 2.3156, 2.8322,
1.3504

115.0579,
126.2093, 111.2973

■ 0.8027, 1.0448,
0.1026

145.2975,
158.8863, 142.3866

■ 0.0000, 0.0000,
0.0000

180.4193,

196.7663, 178.7851

220.7886,
240.2339, 220.9113

■ 24.3050, 27.4176,
20.8407

■ 24.3050, 27.4176,
20.8407

■ 23.0107, 26.8428,
16.6432

■ 25.7487, 28.0556,
25.7453

■ 21.8572, 26.3249,
13.1185

■ 27.3455, 28.7556,
31.3857

■ 20.8386, 25.8627,
10.2318

■ 29.1017, 29.5210,
37.7912

■ 19.9474, 25.4529,
7.9450

■ 31.0225, 30.3539,
44.9889

■ 19.1754, 25.0925,
6.2155

■ 33.1130, 31.2563,
53.0048

■ 18.5135, 24.7775,
4.9952

■ 35.3779, 32.2302,
61.8634

■ 17.9508, 24.5039,
4.2281

■ 37.8218, 33.2774,
71.5883

■ 17.4596, 24.2603,
3.7682

■ 40.4491, 34.3996,
82.2024

■ 17.4530, 24.2570,
3.7622

■ 43.2642, 35.5986,
93.7273

Harmonies

Analogous

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



26.2704, 27.4176, 19.8979



24.3050, 27.4176, 20.8407



22.8784, 27.4176, 24.0852

Triad

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



24.3050, 27.4176, 20.8407



23.9590, 27.4176, 40.4072



30.2183, 27.4176, 30.4593

Complementary

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



24.3050, 27.4176, 20.8407



19.7190, 19.0096, 29.8256

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.



29.5228, 27.4176, 36.4753



24.3050, 27.4176, 20.8407



25.8499, 27.4176, 42.6737

Square

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



24.3050, 27.4176, 20.8407



22.6862, 27.4176, 35.2963



27.8967, 27.4176, 41.1485



29.7519, 27.4176, 25.0005

Rectangle

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



24.3050, 27.4176, 20.8407



22.3883, 27.4176, 27.3656



27.8967, 27.4176, 41.1485



30.1118, 27.4176, 32.4870

Sweetspot

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



24.3057, 27.4188, 20.8413



46.4431, 49.9395, 48.9843



22.1241, 21.5125, 19.8162



10.2973, 11.0944, 10.7761



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.3057, 27.4188, 20.8413



41.7881, 47.8845, 33.1907



22.0507, 26.2563, 20.7358



6.1491, 6.6847, 6.2066



15.3765, 21.3547, 3.3115



0.2120, 0.2736, 0.0416

Inverse Universe

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



19.7190, 19.0096, 29.8256



32.1337, 30.1815, 52.1055



21.9163, 20.1423, 29.9284



5.6050, 5.6874, 7.2721



5.0585, 2.0803, 24.0660



0.0823, 0.0360, 0.2955

Previews

White Background



This preview shows how the XYZ color 24.3050, 27.4176, 20.8407 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 24.3050, 27.4176, 20.8407 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 24.3050, 27.4176, 20.8407

Background



This preview shows how black text looks on a background with the XYZ color 24.3050, 27.4176, 20.8407.



This preview shows how white text looks on a background with the XYZ color 24.3050, 27.4176,

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

24.3050, 27.4176, 20.8407

Protanopia

25.6795, 27.4620, 20.1669

Deuteranopia

27.7925, 27.2226, 21.2424



Tritanopia

26.8694, 27.3365, 33.5661

Trichromacy



Original Color

24.3050, 27.4176, 20.8407

Protanomaly

25.1583, 27.4105, 20.4878

Deuteranomaly

26.3584, 27.1321, 20.9873

Tritanomaly

25.8104, 27.3486, 28.3446

Monochromacy



Original Color

24.3050, 27.4176, 20.8407

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9718, 26.9736, 25.7201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3050, 27.4176, 20.8407 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, 146, 117)` looks like.

```
.text, #text, p{  
    color:rgb(140, 146, 117)  
}
```

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, 146, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 146, 117) }
```

Border

The CSS property to change the border of an element to XYZ 24.3050, 27.4176, 20.8407 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, 146, 117) }
```


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

```
.border{ border-color:rgb(140, 146, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 146, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 146, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 146, 117);  
box-shadow:4px 4px 4px 4px rgb(140, 146,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3050, 27.4176, 20.8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 146, 117) }
```

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

```
.background{ background-color: rgb(140,  
146, 117) }
```

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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