Converting Colors

XYZ(33.9104, 26.5255, 24.2010)

Have a look what the booklet for XYZ(33.9104, 26.5255, 24.2010) contains.

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Color

XYZ(33.8769, 26.4497, 24.0887)

Conversions

Conversions Part 1

Format	Color
Hex	C77581
RGB	199, 117, 129
RGB Percent	78%, 46%, 51%
CMY	0.2196, 0.5412, 0.4941
CMYK	0.00, 0.41, 0.35, 0.22
HSL	351°, 42%, 62%
HSV	351°, 41%, 78%
XYZ	33.8769, 26.4497, 24.0887
YIQ	142.8860, 45.0200, 21.1160

Conversions

Conversions Part 2

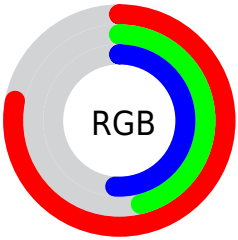
Format	Color
RYB	199, 117, 129
Decimal	13071745
CIELab	58.46, 33.55, 7.42
CIELCh	58, 34.363, 12.470
Yxy	26.4497, 0.4013, 0.3133
Android (android.graphics.Color)	4291261825 (0xFFC77581)
YUV	142.8860, -6.8458, 49.2120
Hunter-Lab	51.4293, 27.5782, 8.2299

Details

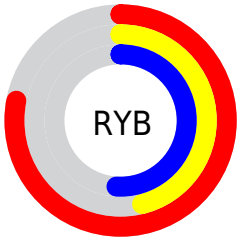
The XYZ color 33.8769, 26.4497, 24.0887 is a light color, and the websafe version is hex CC6666. A complement of this color would be 36.7304, 48.2171, 54.3872, and the grayscale version is 26.0775, 27.4356, 29.8774.

A 20% lighter version of the original color is 64.0582, 53.3868, 51.1844, and 14.7828, 10.4331, 8.8241 is the 20% darker color. If you saturate the color by 10%, you get 30.7629, 21.8812, 17.9349, and if you desaturate by 10%, it is 37.6729, 32.0816, 31.3967.

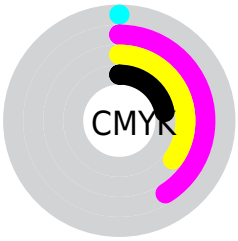
Distribution



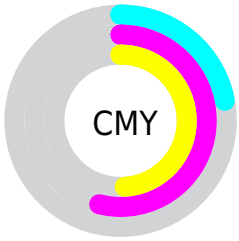
- Red (78%)
- Green (46%)
- Blue (51%)



- Red (78%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (35%)
- Black (22%)



- Cyan (22%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8769, 26.4497, 24.0887 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 33.8769, 26.4497, 24.0887 by changing the saturation by 10% instead.

33.8769, 26.4497, 24.0887

311.1784, 284.9827, 286.5696

65.0878, 53.9995, 51.1206

86.1139, 73.0288, 70.0874

111.2410, 96.0736, 93.2463

140.8344, 123.5181, 121.0157

175.2595, 155.7469, 153.8142

214.8817,

33.8769, 26.4497, 24.0887

22.9615, 17.1604, 15.1866

14.6856, 10.3489, 8.8024

8.6839, 5.6309, 4.5175

4.5910, 2.6220, 1.9133

2.0416, 0.9377, 0.5012

0.6572, 0.0000, 0.0000

0.0000, 0.0000,

193.1444, 192.0603

0.0000

260.0662, 236.0948, 236.1726

33.8769, 26.4497, 24.0887

33.8769, 26.4497, 24.0887

30.7629, 21.8812, 17.9349

37.6729, 32.0816, 31.3967

28.2881, 18.3053, 12.8744

42.1862, 38.8339, 39.9124

26.4078, 15.6492, 8.8430

47.4521, 46.7642, 49.6879

25.0710, 13.8280, 5.7691

53.5030, 55.9249, 60.7715

24.2172, 12.7411, 3.5714

60.3693, 66.3655, 73.2093

23.7763, 12.2314, 2.2774

68.0799, 78.1326, 87.0449

76.2443, 90.4346, 102.1807

77.3631, 90.8821, 108.0723

Harmonies

Analogous

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

33.6523, 26.4497, 36.3413

33.8769, 26.4497, 24.0887

31.5786, 26.4497, 15.8366

Triad

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

33.8769, 26.4497, 24.0887

20.0721, 26.4497, 14.8874

22.7851, 26.4497, 56.9581

Complementary

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

33.8769, 26.4497, 24.0887

36.7304, 48.2171, 54.3872

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.

19.6415, 26.4497, 47.4059

33.8769, 26.4497, 24.0887

18.1992, 26.4497, 22.3802

Square

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

33.8769, 26.4497, 24.0887

23.4360, 26.4497, 11.6064

18.0508, 26.4497, 34.0870

26.9239, 26.4497, 57.7947

Rectangle

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

33.8769, 26.4497, 24.0887

29.0596, 26.4497, 12.7745

18.0508, 26.4497, 34.0870

21.5890, 26.4497, 54.5590

Sweetspot

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

33.8776, 26.4510, 24.0892

82.1289, 80.4368, 85.2356

37.0911, 27.3745, 57.3616

17.3045, 16.8027, 17.7368

0.0000, 0.0000, 0.0000

20.3446, 21.4041, 23.3091

Same Dimension

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

33.8776, 26.4510, 24.0892

54.6007, 39.3871, 32.8786

36.9976, 33.8931, 21.4234

10.6960, 10.6618, 11.3827

15.3088, 7.8731, 1.5702

0.7457, 0.3811, 0.1842

Inverse Universe

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

33.8776, 26.4510, 24.0892

54.6007, 39.3871, 32.8786

32.0771, 36.7686, 59.4391

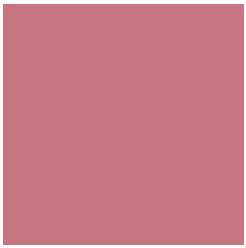
10.6960, 10.6618, 11.3827

15.3088, 7.8731, 1.5702

0.7457, 0.3811, 0.1842

Previews

White Background



This preview shows how the XYZ color 33.8769, 26.4497, 24.0887 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 33.8769, 26.4497, 24.0887 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 33.8769, 26.4497, 24.0887

Background

This preview shows how black text looks on a background with the XYZ color 33.8769, 26.4497, 24.0887.

This preview shows how white text looks on a background with the XYZ color 33.8769, 26.4497,

24.0887.

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
33.8769, 26.4497, 24.0887

Protanopia
25.5883, 26.5488, 29.3670

Deuteranopia
27.0673, 26.5883, 23.4441

Tritanopia
33.6804, 26.3711, 23.0536

Trichromacy

Original Color
33.8769, 26.4497, 24.0887

Protanomaly
27.8709, 26.0952, 27.2348

Deuteranomaly
29.1366, 26.2315, 23.6062

Tritanomaly
33.7452, 26.3970, 23.3952

Monochromacy

Original Color
33.8769, 26.4497, 24.0887

Achromatopsia
26.1081, 27.4677, 29.9124

Achromatomaly
28.2168, 26.6717, 27.7057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8769, 26.4497, 24.0887 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(199, 117, 129) looks like.

```
.text, #text, p{
    color:rgb(199, 117, 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(199, 117, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 117, 129) }
```

Border

The CSS property to change the border of an element to XYZ 33.8769, 26.4497, 24.0887 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(199, 117, 129) }
```

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

```
.border{ border-color:rgb(199, 117, 129) }
```

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

Here you see how a box with a 4 pixel rgb(199, 117, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 117, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 117, 129); box-shadow:4px 4px 4px 4px rgb(199, 117, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8769, 26.4497, 24.0887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(199, 117, 129) }
```

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

```
.background{ background-color:rgb(199, 117, 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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