

Converting Colors

XYZ(24.5461, 27.4767, 34.5375)

Have a look what the booklet for
XYZ(24.5461, 27.4767, 34.5375)
contains.

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Color

**XYZ(24.5786, 27.4856,
34.5817)**

Conversions

Conversions Part 1

Format	Color
Hex	7C939A
RGB	124, 147, 154
RGB Percent	49%, 58%, 60%
CMY	0.5137, 0.4235, 0.3961
CMYK	0.19, 0.05, 0.00, 0.40
HSL	194°, 13%, 55%
HSV	194°, 19%, 60%
XYZ	24.5786, 27.4856, 34.5817
YIQ	140.9210, -15.9550, -2.6990

Conversions

Conversions Part 2

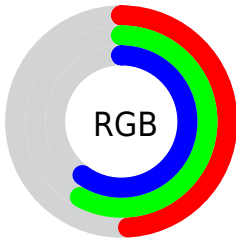
Format	Color
RYB	124, 137, 154
Decimal	8164250
CIELab	59.42, -6.54, -6.42
CIElCh	59, 9.166, 224.458
Yxy	27.4856, 0.2837, 0.3172
Android (android.graphics.Color)	4286354330 (0xFF7C939A)
YUV	140.9210, 6.4479, -14.8397
Hunter-Lab	52.4267, -8.0627, -2.4102

Details

The XYZ color **24.5786, 27.4856, 34.5817** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0810, 24.5578, 22.4875**, and the grayscale version is **25.2671, 26.5830, 28.9488**.

A 20% lighter version of the original color is **50.4033, 55.6745, 67.7642**, and **9.5327, 10.8409, 14.4220** is the 20% darker color. If you saturate the color by 10%, you get **21.9748, 25.3276, 34.3028**, and if you desaturate by 10%, it is **27.5491, 29.8600, 34.8839**.

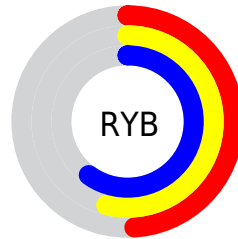
Distribution



Red (49%)

Green (58%)

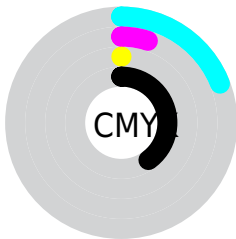
Blue (60%)



Red (49%)

Yellow (54%)

Blue (60%)

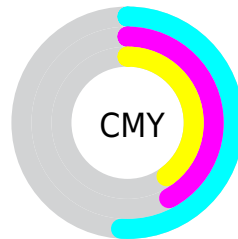


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5786, 27.4856, 34.5817 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 24.5786, 27.4856, 34.5817 by changing the saturation by 10% instead.

■ 24.5786, 27.4856,
34.5817

■ 24.5786, 27.4856,
34.5817

268.1193,
290.0007, 337.5661

■ 15.8904, 17.9383,
23.0599

■ 50.4206, 55.6621,
67.9814

■ 9.5370, 10.9057,
14.4320

■ 68.3051, 75.0601,
90.6964

■ 5.1530, 6.0034,
8.2796

■ 89.9858, 98.5104,
117.9796

■ 2.3730, 2.8472,
4.1840

115.8281,
126.3974, 150.2494

■ 0.8316, 1.0525,
1.7268

146.1972,
159.1056, 187.9244

■ 0.0000, 0.0000,
0.3790

181.4585,

■ 0.0000, 0.0000,

197.0192, 231.4231

0.0000

221.9774,
240.5228, 281.1642

■ 24.5786, 27.4856,
34.5817

■ 24.5786, 27.4856,
34.5817

■ 21.9748, 25.3276,
34.3028

■ 27.5491, 29.8600,
34.8839

■ 19.7190, 23.3739,
34.0446

■ 30.8990, 32.4553,
35.2083

■ 17.7945, 21.6165,
33.8069

■ 34.6434, 35.2805,
35.5562

■ 16.1821, 20.0452,
33.5885

■ 38.7960, 38.3426,
35.9284

■ 14.8609, 18.6489,
33.3887

■ 43.3695, 41.6485,
36.3255

■ 13.8068, 17.4150,
33.2061

■ 48.3764, 45.2048,
36.7480

■ 12.9919, 16.3290,
33.0394

■ 53.8283, 49.0179,
37.1967

■ 12.3525, 15.3575,
32.8856

■ 59.7367, 53.0936,
37.6720

■ 12.3204, 15.3083,
32.8778

■ 63.2600, 55.9675,
38.0410

Harmonies

Analogous

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



24.0425, 27.4856, 31.5350



24.5786, 27.4856, 34.5817



25.5366, 27.4856, 36.4473

Triad

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



24.5786, 27.4856, 34.5817



28.3114, 27.4856, 31.6550



25.5764, 27.4856, 24.2081

Complementary

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



24.5786, 27.4856, 34.5817



25.0810, 24.5578, 22.4875

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.



26.7208, 27.4856, 24.2350



24.5786, 27.4856, 34.5817



28.3228, 27.4856, 28.3749

Square

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



24.5786, 27.4856, 34.5817



27.7026, 27.4856, 34.6751



27.7334, 27.4856, 25.7102



24.6070, 27.4856, 25.6337

Rectangle

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



24.5786, 27.4856, 34.5817



26.2963, 27.4856, 36.6899



27.7334, 27.4856, 25.7102



25.9529, 27.4856, 24.0510

Sweetspot

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



24.5794, 27.4867, 34.5823



52.0106, 55.7806, 63.5618



23.9312, 29.0220, 25.6364



11.6924, 12.5634, 14.3791



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.5794, 27.4867, 34.5823



42.6884, 48.3239, 62.6138



22.4646, 23.2571, 33.8774



6.2624, 6.7822, 7.9080



10.0656, 12.5280, 26.7953



0.1772, 0.2406, 0.4095

Inverse Universe

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



25.8012, 23.3925, 30.7604



45.3139, 39.7073, 54.3598



27.1670, 28.7297, 23.1828



6.3996, 6.2990, 7.4842



13.5394, 6.6700, 14.6316



0.2159, 0.1051, 0.2896

Previews

White Background



This preview shows how the XYZ color 24.5786, 27.4856, 34.5817 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 24.5786, 27.4856, 34.5817 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

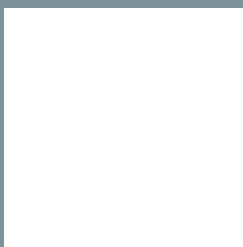
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5786, 27.4856, 34.5817

Background



This preview shows how black text looks on a background with the XYZ color 24.5786, 27.4856, 34.5817.



This preview shows how white text looks on a background with the XYZ color 24.5786, 27.4856,

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

24.5786, 27.4856, 34.5817

Protanopia

26.5866, 27.4200, 33.1695

Deuteranopia

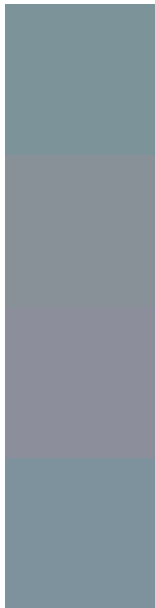
27.9959, 27.4448, 35.2743



Tritanopia

24.9079, 27.3864, 36.3211

Trichromacy



Original Color

24.5786, 27.4856, 34.5817

Protanomaly

25.7941, 27.4478, 33.6442

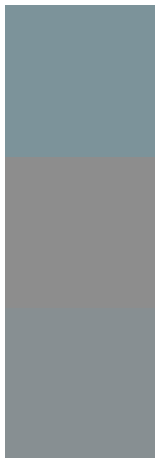
Deuteranomaly

26.5739, 27.3753, 34.8937

Tritanomaly

24.8221, 27.3521, 35.8695

Monochromacy



Original Color

24.5786, 27.4856, 34.5817

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0024, 26.8711, 31.0630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5786, 27.4856, 34.5817 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(124, 147, 154)` looks like.

```
.text, #text, p{  
    color:rgb(124, 147, 154)  
}
```

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(124, 147, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 147, 154) }
```

Border

The CSS property to change the border of an element to XYZ 24.5786, 27.4856, 34.5817 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(124, 147, 154) }
```


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

```
.border{ border-color:rgb(124, 147, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 147, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 147, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 147, 154);  
box-shadow:4px 4px 4px 4px rgb(124, 147,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5786, 27.4856, 34.5817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 147, 154) }
```

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

```
.background{ background-color: rgb(124,  
147, 154) }
```

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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