

Converting Colors

XYZ(24.3340, 27.7652, 35.2218)

Have a look what the booklet for
XYZ(24.3340, 27.7652, 35.2218)
contains.

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Color

**XYZ(24.4096, 27.8545,
35.1003)**

Conversions

Conversions Part 1

Format	Color
Hex	78959B
RGB	120, 149, 155
RGB Percent	47%, 58%, 61%
CMY	0.5294, 0.4157, 0.3922
CMYK	0.23, 0.04, 0.00, 0.39
HSL	190°, 15%, 54%
HSV	190°, 23%, 61%
XYZ	24.4096, 27.8545, 35.1003
YIQ	141.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

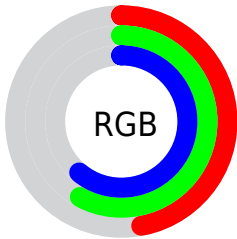
Format	Color
RYB	120, 136, 155
Decimal	7902619
CIELab	59.76, -8.72, -6.52
CIELCh	60, 10.889, 216.775
Yxy	27.8545, 0.2794, 0.3188
Android (android.graphics.Color)	4286092699 (0xFF78959B)
YUV	141.0130, 6.8956, -18.4284
Hunter-Lab	52.7774, -9.8039, -2.4875

Details

The XYZ color **24.4096, 27.8545, 35.1003** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3690, 23.2466, 20.9726**, and the grayscale version is **25.3024, 26.6201, 28.9893**.

A 20% lighter version of the original color is **50.0981, 56.1996, 68.5287**, and **9.3922, 11.0369, 14.7320** is the 20% darker color. If you saturate the color by 10%, you get **22.0162, 26.0045, 34.8698**, and if you desaturate by 10%, it is **27.1622, 29.9053, 35.3515**.

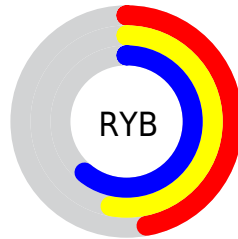
Distribution



Red (47%)

Green (58%)

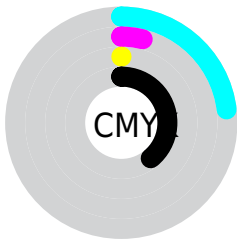
Blue (61%)



Red (47%)

Yellow (53%)

Blue (61%)

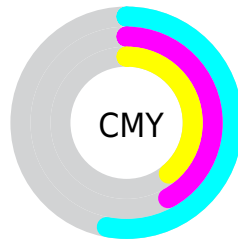


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (39%)



Cyan (53%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4096, 27.8545, 35.1003 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 24.4096, 27.8545, 35.1003 by changing the saturation by 10% instead.

■ 24.4096, 27.8545,
35.1003

■ 24.4096, 27.8545,
35.1003

267.2870,
291.7710, 339.9285

■ 15.7641, 18.2160,
23.4560

■ 50.1476, 56.2521,
68.7945

■ 9.4472, 11.1052,
14.7221

■ 67.9709, 75.7799,
91.6814

■ 5.0934, 6.1376,
8.4801

■ 89.5841, 99.3730,
119.1529

■ 2.3375, 2.9289,
4.3115

115.3526,
127.4158, 151.6275

■ 0.8138, 1.0947,
1.7978

145.6418,
160.2925, 189.5239

■ 0.0000, 0.0000,
0.4265

180.8170,

■ 0.0000, 0.0000,

198.3877, 233.2605

0.0000

221.2436,
242.0858, 283.2559

■ 24.4096, 27.8545,
35.1003

■ 24.4096, 27.8545,
35.1003

■ 22.0162, 26.0045,
34.8698

■ 27.1622, 29.9053,
35.3515

■ 19.9629, 24.3433,
34.6574

■ 30.2872, 32.1617,
35.6223

■ 18.2322, 22.8624,
34.4628

■ 33.8002, 34.6325,
35.9141

■ 16.8042, 21.5516,
34.2850

■ 37.7150, 37.3250,
36.2275

■ 15.6569, 20.3992,
34.1231

■ 42.0449, 40.2461,
36.5631

■ 14.7649, 19.3923,
33.9757

■ 46.8025, 43.4023,
36.9216

■ 14.0982, 18.5152,
33.8416

■ 51.9997, 46.8000,
37.3034

■ 13.6928, 17.9191,
33.7479

■ 57.6482, 50.4451,
37.7093

■ 62.0830, 53.4795,
38.0613

Harmonies

Analogous

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



23.9310, 27.8545, 31.2325



24.4096, 27.8545, 35.1003



25.4441, 27.8545, 37.8469

Triad

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



24.4096, 27.8545, 35.1003



28.9841, 27.8545, 33.4193



26.1636, 27.8545, 23.4030

Complementary

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



24.4096, 27.8545, 35.1003



24.3690, 23.2466, 20.9726

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.



27.5331, 27.8545, 23.8787



24.4096, 27.8545, 35.1003



29.1929, 27.8545, 29.4427

Square

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



24.4096, 27.8545, 35.1003



28.0923, 27.8545, 36.8191



28.6535, 27.8545, 26.0106



24.9207, 27.8545, 24.6499

Rectangle

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



24.4096, 27.8545, 35.1003



26.3262, 27.8545, 38.5498



28.6535, 27.8545, 26.0106



26.6241, 27.8545, 23.3685

Sweetspot

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



24.4104, 27.8556, 35.1009



51.6056, 55.7092, 63.5693



23.2228, 28.9384, 24.0447



11.6131, 12.5607, 14.3828



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.



24.4104, 27.8556, 35.1009



41.5166, 48.2024, 62.6521



21.8689, 22.7726, 34.2538



6.2945, 6.8463, 7.9187



11.0221, 14.4410, 27.1142



0.1858, 0.2579, 0.4124

Inverse Universe

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



25.6596, 22.5721, 31.4394



44.1800, 37.1771, 54.7911



26.7809, 28.0704, 21.7766



6.4158, 6.3055, 7.5695



14.0222, 6.8631, 17.1739



0.2202, 0.1068, 0.3126

Previews

White Background



This preview shows how the XYZ color 24.4096, 27.8545, 35.1003 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 24.4096, 27.8545, 35.1003 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

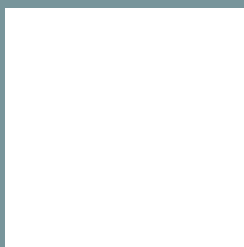
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4096, 27.8545, 35.1003

Background



This preview shows how black text looks on a background with the XYZ color 24.4096, 27.8545, 35.1003.

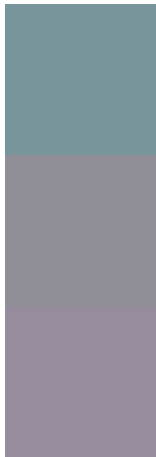


This preview shows how white text looks on a background with the XYZ color 24.4096, 27.8545,

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

24.4096, 27.8545, 35.1003

Protanopia

26.9100, 27.8086, 33.2274

Deuteranopia

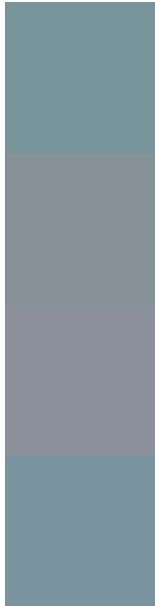
28.2264, 27.7698, 35.7707



Tritanopia

24.8202, 27.7828, 37.3122

Trichromacy



Original Color

24.4096, 27.8545, 35.1003

Protanomaly

25.7846, 27.6687, 33.6874

Deuteranomaly

26.6384, 27.6207, 35.3798

Tritanomaly

24.6466, 27.7134, 36.3980

Monochromacy



Original Color

24.4096, 27.8545, 35.1003

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8344, 27.0084, 31.0984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4096, 27.8545, 35.1003 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(120, 149, 155)` looks like.

```
.text, #text, p{  
    color:rgb(120, 149, 155)  
}
```

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(120, 149, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 149, 155) }
```

Border

The CSS property to change the border of an element to XYZ 24.4096, 27.8545, 35.1003 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(120, 149, 155) }
```


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

```
.border{ border-color:rgb(120, 149, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 149, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 149, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 149, 155);  
box-shadow:4px 4px 4px 4px rgb(120, 149,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4096, 27.8545, 35.1003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 149, 155) }
```

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

```
.background{ background-color: rgb(120,  
149, 155) }
```

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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