

Converting Colors

XYZ(24.4078, 27.0286, 30.3681)

Have a look what the booklet for
XYZ(24.4078, 27.0286, 30.3681)
contains.

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Color

**XYZ(24.3654, 27.0102,
30.3149)**

Conversions

Conversions Part 1

Format	Color
Hex	829190
RGB	130, 145, 144
RGB Percent	51%, 57%, 56%
CMY	0.4902, 0.4314, 0.4353
CMYK	0.10, 0.00, 0.01, 0.43
HSL	176°, 6%, 54%
HSV	176°, 10%, 57%
XYZ	24.3654, 27.0102, 30.3149
YIQ	140.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

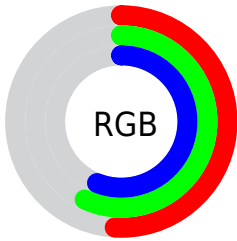
Format	Color
RYB	130, 138, 145
Decimal	8556944
CIELab	58.98, -5.58, -1.31
CIELCh	59, 5.733, 193.242
Yxy	27.0102, 0.2983, 0.3306
Android (android.graphics.Color)	4286747024 (0xFF829190)
YUV	140.4010, 1.7743, -9.1217
Hunter-Lab	51.9713, -7.2648, 1.7961

Details

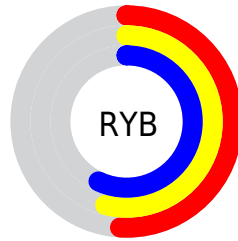
The XYZ color **24.3654, 27.0102, 30.3149** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7574, 23.6245, 24.7818**, and the grayscale version is **25.0796, 26.3857, 28.7340**.

A 20% lighter version of the original color is **50.1449, 54.9913, 61.3976**, and **9.5059, 10.7419, 12.1621** is the 20% darker color. If you saturate the color by 10%, you get **22.2226, 25.9148, 29.8304**, and if you desaturate by 10%, it is **26.8238, 28.2697, 30.8186**.

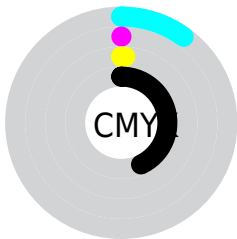
Distribution



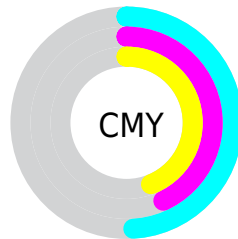
- Red (51%)
- Green (57%)
- Blue (56%)



- Red (51%)
- Yellow (54%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3654, 27.0102, 30.3149 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 24.3654, 27.0102, 30.3149 by changing the saturation by 10% instead.

■ 24.3654, 27.0102,
30.3149

■ 24.3654, 27.0102,
30.3149

267.0690,
287.7065, 317.6224

■ 15.7311, 17.5809,
19.8237

■ 50.0762, 54.9002,
61.2267

■ 9.4237, 10.6495,
12.0841

■ 67.8834, 74.1297,
82.4843

■ 5.0779, 5.8317,
6.6778

■ 89.4789, 97.3948,
108.1678

■ 2.3283, 2.7430,
3.1860

115.2281,
125.0797, 138.6958

■ 0.8091, 0.9991,
1.1904

145.4963,
157.5690, 174.4866

■ 0.0000, 0.0000,
0.0000

180.6490,

195.2469, 215.9590

221.0514,
238.4980, 263.5314

■ 24.3654, 27.0102,
30.3149

■ 24.3654, 27.0102,
30.3149

■ 22.2226, 25.9148,
29.8304

■ 26.8238, 28.2697,
30.8186

■ 20.3801, 24.9734,
29.3627

■ 29.6079, 29.6963,
31.3403

■ 18.8248, 24.1800,
28.9118

■ 32.7299, 31.2970,
31.8811

■ 17.5414, 23.5267,
28.4769

■ 36.2010, 33.0776,
32.4416

■ 16.5137, 23.0051,
28.0572

■ 40.0317, 35.0435,
33.0223

■ 15.7234, 22.6058,
27.6519

■ 44.2320, 37.1999,
33.6237

■ 15.1499, 22.3182,
27.2600

■ 48.8118, 39.5518,
34.2461

■ 14.7690, 22.1299,
26.8804

■ 53.7802, 42.1041,
34.8902

■ 14.5215, 22.0100,
26.5226

■ 57.0923, 43.8023,
35.4601

Harmonies

Analogous

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



24.3864, 27.0102, 28.2958



24.3654, 27.0102, 30.3149



24.6900, 27.0102, 32.1722

Triad

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



24.3654, 27.0102, 30.3149



26.6197, 27.0102, 32.3527



26.0683, 27.0102, 25.8200

Complementary

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



24.3654, 27.0102, 30.3149



23.7574, 23.6245, 24.7818

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.



26.6805, 27.0102, 26.8097



24.3654, 27.0102, 30.3149



27.0029, 27.0102, 30.5521

Square

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



24.3654, 27.0102, 30.3149



25.9866, 27.0102, 33.3848



27.0253, 27.0102, 28.5223



25.3607, 27.0102, 25.7631

Rectangle

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



24.3654, 27.0102, 30.3149



25.0622, 27.0102, 33.0432



27.0253, 27.0102, 28.5223



26.2924, 27.0102, 26.0525

Sweetspot

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



24.3662, 27.0113, 30.3155



46.7827, 49.9831, 54.9411



23.5544, 26.7089, 25.0336



10.3314, 11.0804, 12.2069



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.



24.3662, 27.0113, 30.3155



42.8605, 47.9752, 54.1203



23.5141, 25.1840, 30.4110



5.5449, 6.1102, 6.8355



12.4588, 18.8794, 22.7681



0.1221, 0.1817, 0.2336

Inverse Universe

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



23.7574, 23.6245, 24.7818



41.5860, 40.8844, 42.5349



24.5467, 25.3112, 24.7115



5.4226, 5.4296, 5.7234



10.0653, 5.1831, 0.7291



0.0986, 0.0505, 0.0192

Previews

White Background



This preview shows how the XYZ color 24.3654, 27.0102, 30.3149 looks on a white background.

Color Contrast Check

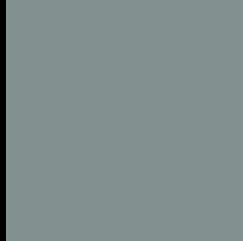
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3654, 27.0102, 30.3149 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

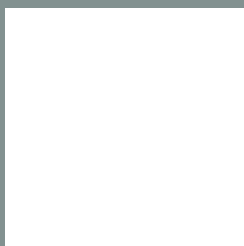
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3654, 27.0102, 30.3149

Background



This preview shows how black text looks on a background with the XYZ color 24.3654, 27.0102, 30.3149.



This preview shows how white text looks on a background with the XYZ color 24.3654, 27.0102,

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

24.3654, 27.0102, 30.3149

Protanopia

25.9090, 26.9320, 29.4240

Deuteranopia

27.4604, 26.8367, 30.9268



Tritanopia

25.2546, 26.9170, 34.8748

Trichromacy



Original Color

24.3654, 27.0102, 30.3149

Protanomaly

25.2784, 26.8181, 29.8307

Deuteranomaly

26.1660, 26.8202, 30.5858

Tritanomaly

24.9192, 27.0062, 33.1775

Monochromacy



Original Color

24.3654, 27.0102, 30.3149

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6341, 26.5033, 29.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3654, 27.0102, 30.3149 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(130, 145, 144)` looks like.

```
.text, #text, p{  
    color:rgb(130, 145, 144)  
}
```

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(130, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 145, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.3654, 27.0102, 30.3149 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(130, 145, 144) }
```


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

```
.border{ border-color:rgb(130, 145, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(130, 145,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3654, 27.0102, 30.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 145, 144) }
```

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

```
.background{ background-color: rgb(130,  
145, 144) }
```

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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