

Converting Colors

XYZ(24.8772, 27.3010, 30.5447)

Have a look what the booklet for
XYZ(24.8772, 27.3010, 30.5447)
contains.

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Color

**XYZ(24.9091, 27.2817,
30.7411)**

Conversions

Conversions Part 1

Format	Color
Hex	859191
RGB	133, 145, 145
RGB Percent	52%, 57%, 57%
CMY	0.4784, 0.4314, 0.4314
CMYK	0.08, 0.00, 0.00, 0.43
HSL	180°, 5%, 55%
HSV	180°, 8%, 57%
XYZ	24.9091, 27.2817, 30.7411
YIQ	141.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

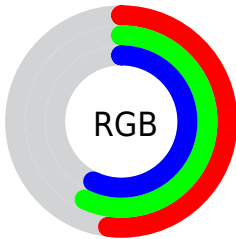
Format	Color
R_{YB}	133, 139, 145
Decimal	8753553
CIE _{Lab}	59.23, -4.31, -1.49
CIE _{LCh}	59, 4.565, 199.060
Yxy	27.2817, 0.3004, 0.3290
Android (android.graphics.Color)	4286943633 (0xFF859191)
YUV	141.4120, 1.7689, -7.3773
Hunter-Lab	52.2319, -6.2801, 1.6672

Details

The XYZ color **24.9091, 27.2817, 30.7411** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2992, 24.4890, 25.6377**, and the grayscale version is **25.4751, 26.8018, 29.1872**.

A 20% lighter version of the original color is **50.9819, 55.4095, 62.0409**, and **9.7250, 10.8496, 12.4081** is the 20% darker color. If you saturate the color by 10%, you get **22.7760, 26.1828, 30.6407**, and if you desaturate by 10%, it is **27.3598, 28.5458, 30.8575**.

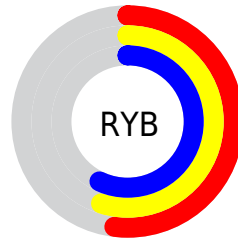
Distribution



Red (52%)

Green (57%)

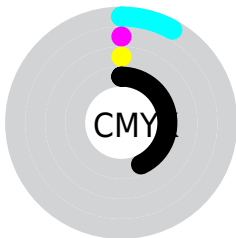
Blue (57%)



Red (52%)

Yellow (55%)

Blue (57%)

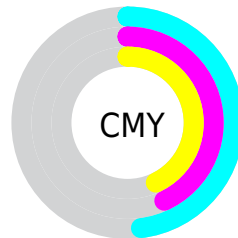


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (43%)



Cyan (48%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9091, 27.2817, 30.7411 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 24.9091, 27.2817, 30.7411 by changing the saturation by 10% instead.

■ 24.9091, 27.2817,
30.7411

■ 24.9091, 27.2817,
30.7411

269.7409,
289.0185, 319.6580

■ 16.1377, 17.7849,
20.1450

■ 50.9537, 55.3356,
61.9070

■ 9.7131, 10.7957,
12.3153

■ 68.9576, 74.6614,
83.3139

■ 5.2700, 5.9296,
6.8337

■ 90.7697, 98.0325,
109.1614

■ 2.4429, 2.8023,
3.2814

116.7554,
125.8330, 139.8682

■ 0.8666, 1.0294,
1.2401

147.2800,
158.4475, 175.8527

■ 0.0000, 0.0000,
0.0119

182.7089,

■ 0.0000, 0.0000,

196.2603, 217.5334

0.0000

223.4074,
239.6558, 265.3290

■ 24.9091, 27.2817,
30.7411

■ 24.9091, 27.2817,
30.7411

■ 22.7760, 26.1828,
30.6407

■ 27.3598, 28.5458,
30.8575

■ 20.9454, 25.2391,
30.5538

■ 30.1379, 29.9780,
30.9887

■ 19.4041, 24.4446,
30.4805

■ 33.2558, 31.5852,
31.1358

■ 18.1376, 23.7917,
30.4201

■ 36.7242, 33.3733,
31.2993

■ 17.1295, 23.2721,
30.3717

■ 40.5537, 35.3474,
31.4797

■ 16.3622, 22.8765,
30.3347

■ 44.7543, 37.5129,
31.6774

■ 15.8155, 22.5947,
30.3079

■ 49.3357, 39.8746,
31.8930

■ 15.4662, 22.4147,
30.2904

■ 54.3069, 42.4374,
32.1268

■ 15.2661, 22.3115,
30.2798

■ 56.4789, 43.5570,
32.2296

Harmonies

Analogous

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



24.8700, 27.2817, 29.1139



24.9091, 27.2817, 30.7411



25.2195, 27.2817, 32.1378

Triad

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



24.9091, 27.2817, 30.7411



26.7665, 27.2817, 31.8080



26.1388, 27.2817, 26.7311

Complementary

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



24.9091, 27.2817, 30.7411



24.2992, 24.4890, 25.6377

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.



26.6547, 27.2817, 27.3985



24.9091, 27.2817, 30.7411



27.0205, 27.2817, 30.3043

Square

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



24.9091, 27.2817, 30.7411



26.2897, 27.2817, 32.7691



26.9793, 27.2817, 28.6927



25.5745, 27.2817, 26.8383

Rectangle

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



24.9091, 27.2817, 30.7411



25.5410, 27.2817, 32.7316



26.9793, 27.2817, 28.6927



26.3238, 27.2817, 26.8713

Sweetspot

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



24.9099, 27.2828, 30.7417



47.2755, 50.2324, 55.1773



24.0643, 26.9483, 26.1239



10.5300, 11.1815, 12.2754



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.



24.9099, 27.2828, 30.7417



43.8263, 48.4543, 55.0141



24.0461, 25.5550, 30.4547



5.5602, 6.1163, 6.9160



13.0668, 19.1226, 25.9694



0.1249, 0.1828, 0.2483

Inverse Universe

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



24.2992, 24.4890, 25.6377



42.4948, 42.3622, 43.8848



25.1154, 26.1216, 25.9089



5.4089, 5.4241, 5.6515



10.0160, 5.1634, 0.4695



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 24.9091, 27.2817, 30.7411 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 24.9091, 27.2817, 30.7411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

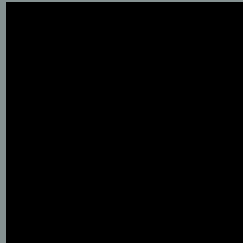
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

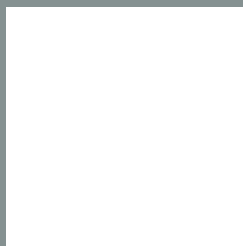
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9091, 27.2817, 30.7411

Background



This preview shows how black text looks on a background with the XYZ color 24.9091, 27.2817, 30.7411.



This preview shows how white text looks on a background with the XYZ color 24.9091, 27.2817,

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

24.9091, 27.2817, 30.7411

Protanopia

26.3080, 27.3489, 29.8789

Deuteranopia

27.6032, 27.1223, 30.9744



Tritanopia

25.7305, 27.1624, 34.8971

Trichromacy



Original Color

24.9091, 27.2817, 30.7411

Protanomaly

25.8410, 27.3213, 30.2971

Deuteranomaly

26.5672, 27.2361, 31.0510

Tritanomaly

25.3907, 27.2492, 33.1995

Monochromacy



Original Color

24.9091, 27.2817, 30.7411

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0367, 26.7023, 29.4257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9091, 27.2817, 30.7411 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(133, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(133, 145, 145)  
}
```

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(133, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.9091, 27.2817, 30.7411 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(133, 145, 145) }
```


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

```
.border{ border-color:rgb(133, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(133, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9091, 27.2817, 30.7411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 145, 145) }
```

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

```
.background{ background-color: rgb(133,  
145, 145) }
```

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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