

Converting Colors

XYZ(25.1844, 27.3777, 30.6386)

Have a look what the booklet for
XYZ(25.1844, 27.3777, 30.6386)
contains.

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Color

**XYZ(25.2279, 27.4460,
30.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	879191
RGB	135, 145, 145
RGB Percent	53%, 57%, 57%
CMY	0.4706, 0.4314, 0.4314
CMYK	0.07, 0.00, 0.00, 0.43
HSL	180°, 4%, 55%
HSV	180°, 7%, 57%
XYZ	25.2279, 27.4460, 30.7560
YIQ	142.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

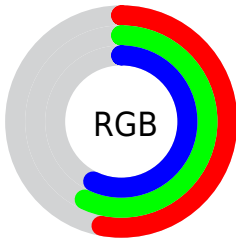
Format	Color
RYB	135, 140, 145
Decimal	8884625
CIELab	59.38, -3.61, -1.25
CIELCh	59, 3.816, 199.152
Yxy	27.4460, 0.3024, 0.3290
Android (android.graphics.Color)	4287074705 (0xFF879191)
YUV	142.0100, 1.4741, -6.1478
Hunter-Lab	52.3889, -5.7239, 1.8648

Details

The XYZ color **25.2279, 27.4460, 30.7560** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7152, 25.0977, 26.4647**, and the grayscale version is **25.7118, 27.0508, 29.4583**.

A 20% lighter version of the original color is **51.4713, 55.6617, 62.0638**, and **9.9041, 10.9419, 12.4165** is the 20% darker color. If you saturate the color by 10%, you get **23.0519, 26.3250, 30.6534**, and if you desaturate by 10%, it is **27.7232, 28.7331, 30.8747**.

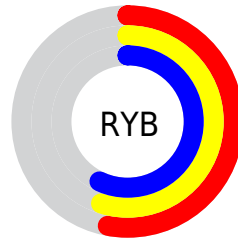
Distribution



Red (53%)

Green (57%)

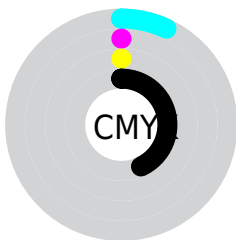
Blue (57%)



Red (53%)

Yellow (55%)

Blue (57%)

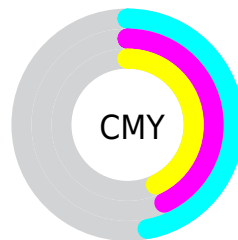


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2279, 27.4460, 30.7560 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 25.2279, 27.4460, 30.7560 by changing the saturation by 10% instead.

■ 25.2279, 27.4460,
30.7560

■ 25.2279, 27.4460,
30.7560

271.2978,
289.8101, 319.7289

■ 16.3766, 17.9085,
20.1562

■ 51.4669, 55.5987,
61.9308

■ 9.8835, 10.8843,
12.3234

■ 69.5853, 74.9827,
83.3429

■ 5.3835, 5.9891,
6.8392

■ 91.5235, 98.4176,
109.1961

■ 2.5110, 2.8384,
3.2848

117.6467,
126.2879, 139.9091

■ 0.9008, 1.0480,
1.2418

148.3204,
158.9779, 175.9003

■ 0.0000, 0.0000,
0.0134

183.9099,

■ 0.0000, 0.0000,

196.8720, 217.5883

0.0000

224.7806,
240.3546, 265.3917

■ 25.2279, 27.4460,
30.7560

■ 25.2279, 27.4460,
30.7560

■ 23.0519, 26.3250,
30.6534

■ 27.7232, 28.7331,
30.8747

■ 21.1802, 25.3602,
30.5645

■ 30.5476, 30.1891,
31.0082

■ 19.5999, 24.5455,
30.4892

■ 33.7131, 31.8210,
31.1576

■ 18.2964, 23.8735,
30.4269

■ 37.2308, 33.6344,
31.3236

■ 17.2536, 23.3360,
30.3768

■ 41.1109, 35.6346,
31.5065

■ 16.4542, 22.9239,
30.3380

■ 45.3635, 37.8269,
31.7068

■ 15.8783, 22.6271,
30.3098

■ 49.9981, 40.2161,
31.9250

■ 15.5033, 22.4338,
30.2909

■ 55.0239, 42.8069,
32.1616

■ 15.2908, 22.3243,
30.2796

■ 56.4791, 43.5571,
32.2310

Harmonies

Analogous

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



25.1942, 27.4460, 29.3913



25.2279, 27.4460, 30.7560



25.4900, 27.4460, 31.9199

Triad

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



25.2279, 27.4460, 30.7560



26.7881, 27.4460, 31.6391



26.2600, 27.4460, 27.3725

Complementary

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



25.2279, 27.4460, 30.7560



24.7152, 25.0977, 26.4647

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.



26.6924, 27.4460, 27.9366



25.2279, 27.4460, 30.7560



26.9998, 27.4460, 30.3822

Square

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



25.2279, 27.4460, 30.7560



26.3893, 27.4460, 32.4404



26.9646, 27.4460, 29.0287



25.7862, 27.4460, 27.4656

Rectangle

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



25.2279, 27.4460, 30.7560



25.7608, 27.4460, 32.4122



26.9646, 27.4460, 29.0287



26.4151, 27.4460, 27.4908

Sweetspot

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



25.2287, 27.4472, 30.7566



47.2755, 50.2324, 55.1772



24.5179, 27.1659, 26.8735



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.



25.2287, 27.4472, 30.7566



44.6530, 48.8805, 55.0530



24.5058, 26.0010, 30.5165



5.5602, 6.1163, 6.9160



13.0665, 19.1225, 25.9681



0.1249, 0.1828, 0.2483

Inverse Universe

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



24.7152, 25.0977, 26.4647



43.5733, 43.9405, 46.0288



25.4050, 26.4775, 26.6938



5.4089, 5.4241, 5.6515



10.0160, 5.1634, 0.4696



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 25.2279, 27.4460, 30.7560 looks on a white background.

Color Contrast Check

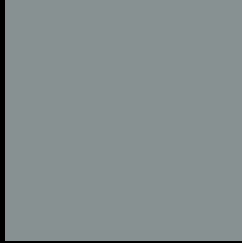
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2279, 27.4460, 30.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

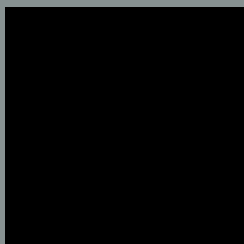
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

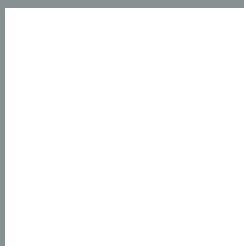
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2279, 27.4460, 30.7560

Background



This preview shows how black text looks on a background with the XYZ color 25.2279, 27.4460, 30.7560.



This preview shows how white text looks on a background with the XYZ color 25.2279, 27.4460,

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

25.2279, 27.4460, 30.7560

Protanopia

26.3080, 27.3489, 29.8789

Deuteranopia

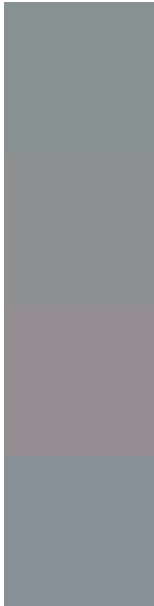
27.7944, 27.2208, 30.9834



Tritanopia

26.0554, 27.3298, 34.9123

Trichromacy



Original Color

25.2279, 27.4460, 30.7560

Protanomaly

25.8410, 27.3213, 30.2971

Deuteranomaly

26.9259, 27.4210, 31.0678

Tritanomaly

25.7125, 27.4151, 33.2146

Monochromacy



Original Color

25.2279, 27.4460, 30.7560

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4278, 27.1171, 29.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2279, 27.4460, 30.7560 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(135, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(135, 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(135, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.2279, 27.4460, 30.7560 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(135, 145, 145) }
```


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

```
.border{ border-color:rgb(135, 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(135, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(135, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2279, 27.4460, 30.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 145, 145) }
```

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

```
.background{ background-color: rgb(135,  
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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