

Converting Colors

XYZ(25.2845, 27.7187, 30.1245)

Have a look what the booklet for
XYZ(25.2845, 27.7187, 30.1245)
contains.

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Color

**XYZ(25.2285, 27.6918,
30.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	87928F
RGB	135, 146, 143
RGB Percent	53%, 57%, 56%
CMY	0.4706, 0.4274, 0.4392
CMYK	0.08, 0.00, 0.02, 0.43
HSL	164°, 5%, 55%
HSV	164°, 8%, 57%
XYZ	25.2285, 27.6918, 30.0020
YIQ	142.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

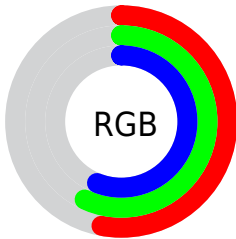
Format	Color
R_{YB}	135, 141, 146
Decimal	8884879
CIE _{Lab}	59.61, -4.57, 0.22
CIE _{LCh}	60, 4.575, 177.293
Yxy	27.6918, 0.3042, 0.3339
Android (android.graphics.Color)	4287074959 (0xFF87928F)
YUV	142.3690, 0.3111, -6.4626
Hunter-Lab	52.6230, -6.5138, 3.0330

Details

The XYZ color **25.2285, 27.6918, 30.0020** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1065, 25.2747, 27.6013**, and the grayscale version is **25.8584, 27.2050, 29.6262**.

A 20% lighter version of the original color is **51.4714, 56.0311, 60.9256**, and **9.9050, 11.0874, 11.9740** is the 20% darker color. If you saturate the color by 10%, you get **22.7423, 26.4451, 28.3385**, and if you desaturate by 10%, it is **28.0492, 29.1112, 31.7383**.

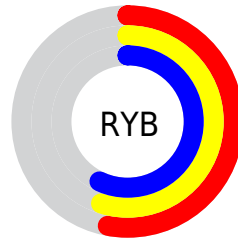
Distribution



Red (53%)

Green (57%)

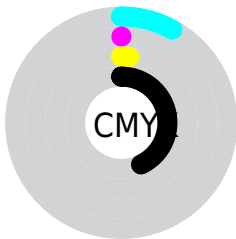
Blue (56%)



Red (53%)

Yellow (55%)

Blue (57%)

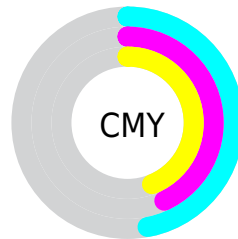


Cyan (8%)

Magenta (0%)

Yellow (2%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2285, 27.6918, 30.0020 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 25.2285, 27.6918, 30.0020 by changing the saturation by 10% instead.

■ 25.2285, 27.6918,
30.0020

■ 25.2285, 27.6918,
30.0020

271.3007,
290.9913, 316.1214

■ 16.3770, 18.0935,
19.5880

■ 51.4679, 55.9920,
60.7264

■ 9.8839, 11.0171,
11.9148

■ 69.5865, 75.4627,
81.8739

■ 5.3837, 6.0783,
6.5639

■ 91.5249, 98.9929,
107.4363

■ 2.5112, 2.8928,
3.1166

117.6484,
126.9671, 137.8322

■ 0.9009, 1.0760,
1.1545

148.3224,
159.7696, 173.4802

■ 0.0000, 0.0000,
0.0000

183.9122,

197.7849, 214.7986

224.7832,
241.3973, 262.2062

■ 25.2285, 27.6918,
30.0020

■ 25.2285, 27.6918,
30.0020

■ 22.7423, 26.4451,
28.3385

■ 28.0492, 29.1112,
31.7383

■ 20.5751, 25.3609,
26.7447

■ 31.2144, 30.7061,
33.5467

■ 18.7136, 24.4331,
25.2200

■ 34.7366, 32.4839,
35.4289

■ 17.1428, 23.6540,
23.7631

■ 38.6270, 34.4502,
37.3859

■ 15.8462, 23.0150,
22.3727

■ 42.8964, 36.6106,
39.4189

■ 14.8058, 22.5069,
21.0473

■ 47.5550, 38.9703,
41.5288

■ 14.0012, 22.1192,
19.7854

■ 52.6126, 41.5344,
43.7166

■ 13.4089, 21.8398,
18.5851

■ 58.0787, 44.3078,
45.9832

■ 12.9859, 21.6466,
17.4438

■ 59.6416, 45.0676,
48.1274

Harmonies

Analogous

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



25.3985, 27.6918, 28.4687



25.2285, 27.6918, 30.0020



25.3474, 27.6918, 31.6308

Triad

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



25.2285, 27.6918, 30.0020



26.8318, 27.6918, 33.0616



26.9237, 27.6918, 27.5587

Complementary

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



25.2285, 27.6918, 30.0020



25.1065, 25.2747, 27.6013

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.



27.3176, 27.6918, 28.7194



25.2285, 27.6918, 30.0020



27.2640, 27.6918, 31.8997

Square

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



25.2285, 27.6918, 30.0020



26.2679, 27.6918, 33.4350



27.4430, 27.6918, 30.3018



26.3726, 27.6918, 27.0906

Rectangle

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



25.2285, 27.6918, 30.0020



25.5756, 27.6918, 32.5450



27.4430, 27.6918, 30.3018



27.0792, 27.6918, 27.8786

Sweetspot

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



25.2293, 27.6930, 30.0026



47.1644, 50.1880, 54.5922



25.1535, 27.7215, 26.9472



10.5069, 11.1722, 12.1536



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.



25.2293, 27.6930, 30.0026



43.7430, 48.4684, 52.4334



25.0962, 27.0579, 31.0954



5.8973, 6.5355, 7.0699



11.3518, 19.0135, 15.1603



0.1513, 0.2377, 0.2509

Inverse Universe

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



25.1065, 25.2747, 27.6013



43.4819, 43.3264, 47.3278



25.2284, 25.8616, 26.5843



5.8620, 5.8398, 6.3792



10.7747, 5.5149, 2.2945



0.1429, 0.0719, 0.0863

Previews

White Background



This preview shows how the XYZ color 25.2285, 27.6918, 30.0020 looks on a white background.

Color Contrast Check

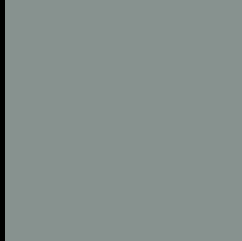
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2285, 27.6918, 30.0020 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

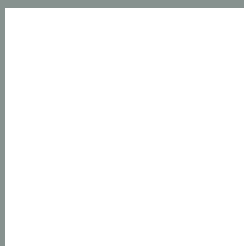
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2285, 27.6918, 30.0020

Background



This preview shows how black text looks on a background with the XYZ color 25.2285, 27.6918, 30.0020.



This preview shows how white text looks on a background with the XYZ color 25.2285, 27.6918,

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

25.2285, 27.6918, 30.0020

Protanopia

26.4842, 27.6790, 29.1460

Deuteranopia

28.1713, 27.6470, 30.2372



Tritanopia

26.2905, 27.6652, 35.4067

Trichromacy



Original Color

25.2285, 27.6918, 30.0020

Protanomaly

26.0111, 27.6503, 29.5573

Deuteranomaly

27.1015, 27.7492, 30.3133

Tritanomaly

25.8647, 27.7194, 33.2653

Monochromacy



Original Color

25.2285, 27.6918, 30.0020

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3524, 27.0869, 29.4833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2285, 27.6918, 30.0020 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, 146, 143)` looks like.

```
.text, #text, p{  
    color:rgb(135, 146, 143)  
}
```

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, 146, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 146, 143) }
```

Border

The CSS property to change the border of an element to XYZ 25.2285, 27.6918, 30.0020 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, 146, 143) }
```


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

```
.border{ border-color:rgb(135, 146, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 146, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 146, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 146, 143);  
box-shadow:4px 4px 4px 4px rgb(135, 146,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2285, 27.6918, 30.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 146, 143) }
```

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

```
.background{ background-color: rgb(135,  
146, 143) }
```

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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