

Converting Colors

XYZ(25.8010, 27.4423, 30.8668)

Have a look what the booklet for
XYZ(25.8010, 27.4423, 30.8668)
contains.

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Color

**XYZ(25.8993, 27.5663,
30.7439)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9091
RGB	140, 144, 145
RGB Percent	55%, 56%, 57%
CMY	0.4510, 0.4353, 0.4314
CMYK	0.03, 0.01, 0.00, 0.43
HSL	192°, 2%, 56%
HSV	192°, 3%, 57%
XYZ	25.8993, 27.5663, 30.7439
YIQ	142.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

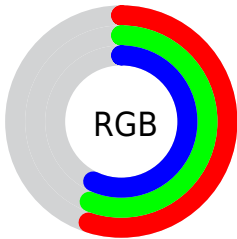
Format	Color
R_{YB}	140, 142, 145
Decimal	9212049
CIE _{Lab}	59.49, -1.25, -1.05
CIE _{LCh}	59, 1.632, 219.821
Yxy	27.5663, 0.3076, 0.3274
Android (android.graphics.Color)	4287402129 (0xFF8C9091)
YUV	142.9180, 1.0264, -2.5591
Hunter-Lab	52.5036, -3.8298, 2.0348

Details

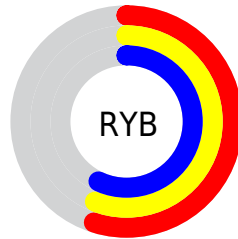
The XYZ color **25.8993, 27.5663, 30.7439** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9356, 26.9627, 28.6487**, and the grayscale version is **26.0732, 27.4310, 29.8724**.

A 20% lighter version of the original color is **52.7510, 55.9810, 62.0580**, and **10.2847, 11.0053, 12.4086** is the 20% darker color. If you saturate the color by 10%, you get **23.1828, 25.5245, 30.4934**, and if you desaturate by 10%, it is **28.9506, 29.7990, 31.0144**.

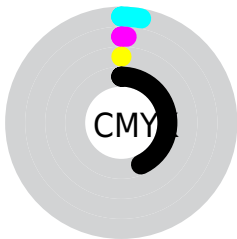
Distribution



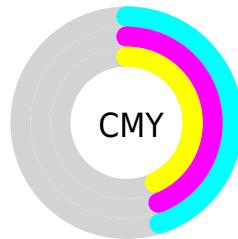
- Red (55%)
- Green (56%)
- Blue (57%)



- Red (55%)
- Yellow (56%)
- Blue (57%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (45%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8993, 27.5663, 30.7439 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 25.8993, 27.5663, 30.7439 by changing the saturation by 10% instead.

■ 25.8993, 27.5663,
30.7439

■ 25.8993, 27.5663,
30.7439

274.5532,
290.3887, 319.6713

■ 16.8806, 17.9990,
20.1471

■ 52.5449, 55.7913,
61.9115

■ 10.2442, 10.9493,
12.3169

■ 70.9025, 75.2177,
83.3193

■ 5.6247, 6.0327,
6.8347

■ 93.1038, 98.6993,
109.1679

■ 2.6567, 2.8650,
3.2821

119.5142,
126.6205, 139.8759

■ 0.9749, 1.0617,
1.2404

150.4990,
159.3656, 175.8616

■ 0.0000, 0.0000,
0.0122

186.4235,

■ 0.0000, 0.0000,

197.3191, 217.5437

0.0000

227.6531,
240.8653, 265.3408

■ 25.8993, 27.5663,
30.7439

■ 25.8993, 27.5663,
30.7439

■ 23.1828, 25.5245,
30.4934

■ 28.9506, 29.7990,
31.0144

■ 20.7862, 23.6633,
30.2604

■ 32.3462, 32.2252,
31.3038

■ 18.6969, 21.9769,
30.0451

■ 36.0982, 34.8520,
31.6131

■ 16.9005, 20.4579,
29.8466

■ 40.2174, 37.6852,
31.9428

■ 15.3814, 19.0980,
29.6641

■ 44.7141, 40.7301,
32.2935

■ 14.1227, 17.8884,
29.4970

■ 49.5983, 43.9920,
32.6657

■ 13.1054, 16.8191,
29.3442

■ 54.8793, 47.4760,
33.0599

■ 12.3078, 15.8789,
29.2048

■ 60.1969, 50.9962,
33.4591

■ 11.7042, 15.0544,
29.0774

■ 60.7334, 52.0694,
33.6379

Harmonies

Analogous

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



25.8144, 27.5663, 30.2080



25.8993, 27.5663, 30.7439



26.0652, 27.5663, 31.0873

Triad

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



25.8993, 27.5663, 30.7439



26.5727, 27.5663, 30.4062



26.1338, 27.5663, 28.9161

Complementary

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



25.8993, 27.5663, 30.7439



25.9356, 26.9627, 28.6487

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.



26.3372, 27.5663, 28.9676



25.8993, 27.5663, 30.7439



26.5913, 27.5663, 29.8228

Square

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



25.8993, 27.5663, 30.7439



26.4542, 27.5663, 30.8906



26.5049, 27.5663, 29.2977



25.9493, 27.5663, 29.1561

Rectangle

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



25.8993, 27.5663, 30.7439



26.1997, 27.5663, 31.1583



26.5049, 27.5663, 29.2977



26.2022, 27.5663, 28.9000

Sweetspot

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



25.9001, 27.5675, 30.7445



47.6530, 50.3071, 55.1722



25.7425, 27.7473, 29.1662



10.6087, 11.1971, 12.2743



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.



25.9001, 27.5675, 30.7445



46.0560, 49.1263, 55.0285



25.5376, 26.8424, 30.6237



5.7557, 6.1498, 6.9124



9.7658, 12.5176, 24.8785



0.1084, 0.1497, 0.2429

Inverse Universe

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



26.0898, 26.7900, 30.1829



46.4571, 47.4863, 53.8399



26.2962, 27.6839, 28.7689



5.8122, 5.9194, 6.7450



12.7324, 6.2500, 14.7741



0.1293, 0.0628, 0.1811

Previews

White Background



This preview shows how the XYZ color 25.8993, 27.5663, 30.7439 looks on a white background.

Color Contrast Check

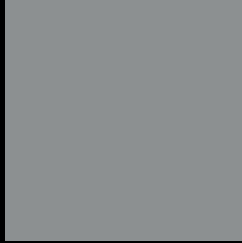
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8993, 27.5663, 30.7439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

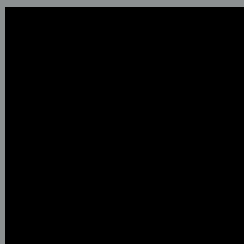
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

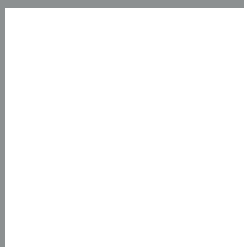
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8993, 27.5663, 30.7439

Background



This preview shows how black text looks on a background with the XYZ color 25.8993, 27.5663, 30.7439.



This preview shows how white text looks on a background with the XYZ color 25.8993, 27.5663,

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

25.8993, 27.5663, 30.7439

Protanopia

26.3841, 27.3794, 30.2797

Deuteranopia

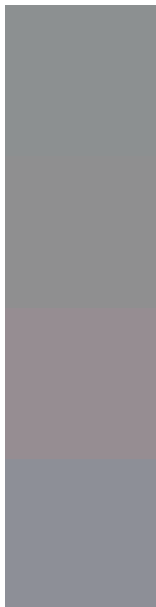
28.1312, 27.6085, 31.0404



Tritanopia

26.6397, 27.6407, 34.5030

Trichromacy



Original Color

25.8993, 27.5663, 30.7439

Protanomaly

26.1842, 27.4982, 30.3132

Deuteranomaly

27.2909, 27.6091, 31.0848

Tritanomaly

26.3929, 27.5420, 33.2032

Monochromacy



Original Color

25.8993, 27.5663, 30.7439

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.0118, 27.4093, 30.3051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8993, 27.5663, 30.7439 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(140, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(140, 144, 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(140, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.8993, 27.5663, 30.7439 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(140, 144, 145) }
```


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

```
.border{ border-color:rgb(140, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(140, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8993, 27.5663, 30.7439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 144, 145) }
```

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

```
.background{ background-color: rgb(140,  
144, 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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