

Converting Colors

XYZ(25.5029, 27.4652, 36.3049)

Have a look what the booklet for
XYZ(25.5029, 27.4652, 36.3049)
contains.

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Color

**XYZ(25.5029, 27.4652,
36.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	82919E
RGB	130, 145, 158
RGB Percent	51%, 57%, 62%
CMY	0.4902, 0.4314, 0.3804
CMYK	0.18, 0.08, 0.00, 0.38
HSL	208°, 13%, 56%
HSV	208°, 18%, 62%
XYZ	25.5029, 27.4652, 36.3049
YIQ	141.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

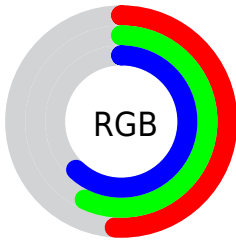
Format	Color
R_{YB}	130, 140, 158
Decimal	8556958
CIE _{Lab}	59.40, -2.52, -8.68
CIE _{LCh}	59, 9.039, 253.828
Yxy	27.4652, 0.2857, 0.3077
Android (android.graphics.Color)	4286747038 (0xFF82919E)
YUV	141.9970, 7.8895, -10.5214
Hunter-Lab	52.4073, -4.8494, -4.3878

Details

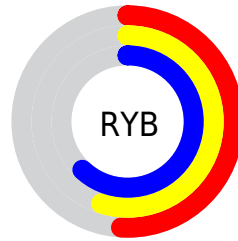
The XYZ color **25.5029, 27.4652, 36.3049** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9526, 28.5259, 25.1526**, and the grayscale version is **25.6841, 27.0217, 29.4266**.

A 20% lighter version of the original color is **51.9621, 55.7182, 70.9668**, and **10.0543, 10.9514, 15.4938** is the 20% darker color. If you saturate the color by 10%, you get **22.1783, 24.1414, 35.8390**, and if you desaturate by 10%, it is **29.2737, 31.1278, 36.8136**.

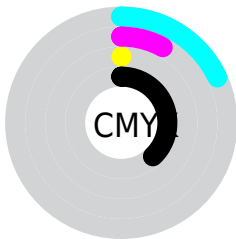
Distribution



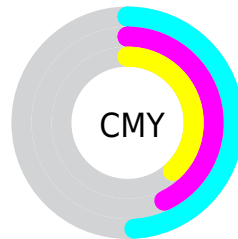
- Red (51%)
- Green (57%)
- Blue (62%)



- Red (51%)
- Yellow (55%)
- Blue (62%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5029, 27.4652, 36.3049 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 25.5029, 27.4652, 36.3049 by changing the saturation by 10% instead.

■ 25.5029, 27.4652,
36.3049

■ 25.5029, 27.4652,
36.3049

272.6349,
289.9025, 345.3689

■ 16.5829, 17.9229,
24.3782

■ 51.9089, 55.6295,
70.6767

■ 10.0310, 10.8947,
15.3996

■ 70.1257, 75.0202,
93.9590

■ 5.4819, 5.9960,
8.9506

■ 92.1720, 98.4626,
121.8635

■ 2.5703, 2.8427,
4.6126

118.4132,
126.3410, 154.8088

■ 0.9309, 1.0502,
1.9671

149.2148,
159.0398, 193.2134

■ 0.0000, 0.0000,
0.5349

184.9420,

■ 0.0000, 0.0000,

196.9434, 237.4960

0.0000

225.9603,
240.4362, 288.0749

■ 25.5029, 27.4652,
36.3049

■ 25.5029, 27.4652,
36.3049

■ 22.1783, 24.1414,
35.8390

■ 29.2737, 31.1278,
36.8136

■ 19.2791, 21.1417,
35.4128

■ 33.5054, 35.1368,
37.3643

■ 16.7866, 18.4550,
35.0256

■ 38.2150, 39.5034,
37.9589

■ 14.6794, 16.0682,
34.6760

■ 43.4180, 44.2374,
38.5985

■ 12.9342, 13.9670,
34.3624

■ 49.1289, 49.3483,
39.2840

■ 11.5247, 12.1356,
34.0832

■ 55.3618, 54.8451,
40.0165

■ 10.4205, 10.5559,
33.8365

■ 62.1302, 60.7364,
40.7969

■ 9.5704, 9.1992,
33.6194

■ 68.9291, 66.7636,
41.6019

■ 9.3928, 8.9109,
33.5731

■ 70.7102, 70.3258,
42.1956

Harmonies

Analogous

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



24.5649, 27.4652, 34.4359



25.5029, 27.4652, 36.3049



26.6289, 27.4652, 36.3801

Triad

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



25.5029, 27.4652, 36.3049



28.2774, 27.4652, 28.4387



24.6254, 27.4652, 25.6268

Complementary

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



25.5029, 27.4652, 36.3049



27.9526, 28.5259, 25.1526

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.



25.5877, 27.4652, 24.2476



25.5029, 27.4652, 36.3049



27.7079, 27.4652, 25.7899

Square

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



25.5029, 27.4652, 36.3049



28.2531, 27.4652, 31.6762



26.7162, 27.4652, 24.3051



24.0683, 27.4652, 28.2010

Rectangle

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



25.5029, 27.4652, 36.3049



27.3363, 27.4652, 35.3918



26.7162, 27.4652, 24.3051



24.9110, 27.4652, 25.0166

Sweetspot

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



25.5037, 27.4663, 36.3055



55.0936, 58.3751, 67.1072



26.3610, 31.1711, 30.4559



12.3095, 13.0545, 15.1146



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.5037, 27.4663, 36.3055



43.9937, 47.5803, 65.6087



23.5483, 23.5554, 35.6537



6.5642, 6.9942, 8.4107



7.5623, 7.2162, 26.9015



0.1774, 0.2133, 0.4951

Inverse Universe

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



27.1947, 25.2794, 30.2353



47.6417, 43.0199, 52.4779



30.1197, 32.8601, 25.8750



6.7741, 6.7026, 7.6617



12.6153, 6.3507, 7.4912



0.2468, 0.1221, 0.2459

Previews

White Background



This preview shows how the XYZ color 25.5029, 27.4652, 36.3049 looks on a white background.

Color Contrast Check

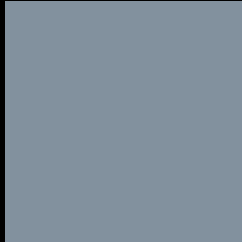
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5029, 27.4652, 36.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

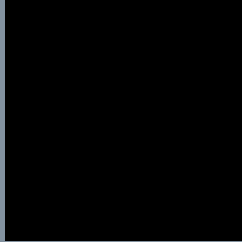
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

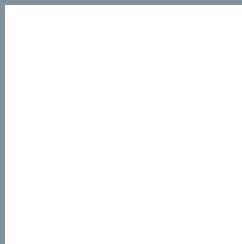
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5029, 27.4652, 36.3049

Background



This preview shows how black text looks on a background with the XYZ color 25.5029, 27.4652, 36.3049.



This preview shows how white text looks on a background with the XYZ color 25.5029, 27.4652,

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

25.5029, 27.4652, 36.3049

Protanopia

26.6583, 27.4090, 35.3379

Deuteranopia

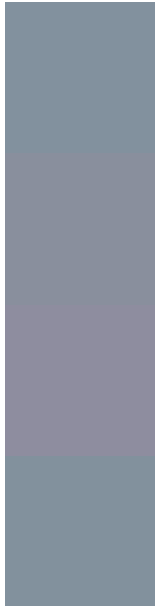
27.8851, 27.3580, 36.6118



Tritanopia

25.4171, 27.4309, 35.8534

Trichromacy



Original Color

25.5029, 27.4652, 36.3049

Protanomaly

26.2248, 27.3976, 35.8044

Deuteranomaly

26.9382, 27.3037, 36.6512

Tritanomaly

25.4171, 27.4309, 35.8534

Monochromacy



Original Color

25.5029, 27.4652, 36.3049

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6490, 27.1863, 31.9126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5029, 27.4652, 36.3049 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(130, 145, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 145, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.5029, 27.4652, 36.3049 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, 158) }
```


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

```
.border{ border-color:rgb(130, 145, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 145, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 145, 158);  
box-shadow:4px 4px 4px 4px rgb(130, 145,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5029, 27.4652, 36.3049 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, 158) }
```

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

```
.background{ background-color: rgb(130,  
145, 158) }
```

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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