

Converting Colors

XYZ(25.5509, 27.1102, 33.1646)

Have a look what the booklet for
XYZ(25.5509, 27.1102, 33.1646)
contains.

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Color

**XYZ(25.5617, 27.1135,
33.1643)**

Conversions

Conversions Part 1

Format	Color
Hex	888F97
RGB	136, 143, 151
RGB Percent	53%, 56%, 59%
CMY	0.4667, 0.4392, 0.4078
CMYK	0.10, 0.05, 0.00, 0.41
HSL	212°, 7%, 56%
HSV	212°, 10%, 59%
XYZ	25.5617, 27.1135, 33.1643
YIQ	141.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

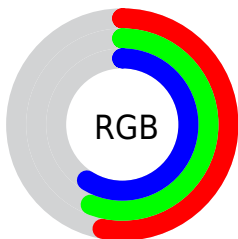
Format	Color
R_{YB}	136, 141, 151
Decimal	8949655
CIE _{Lab}	59.08, -0.88, -5.12
CIE _{LCh}	59, 5.193, 260.281
Yxy	27.1135, 0.2978, 0.3159
Android (android.graphics.Color)	4287139735 (0xFF888F97)
YUV	141.8190, 4.5262, -5.1033
Hunter-Lab	52.0706, -3.4972, -1.3130

Details

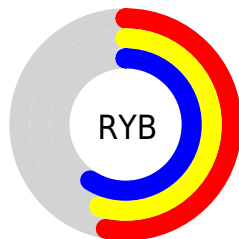
The XYZ color **25.5617, 27.1135, 33.1643** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1798, 28.3032, 27.3236**, and the grayscale version is **25.6248, 26.9593, 29.3587**.

A 20% lighter version of the original color is **51.9720, 55.1591, 65.6652**, and **10.0524, 10.7272, 13.5973** is the 20% darker color. If you saturate the color by 10%, you get **22.1146, 23.6068, 32.6695**, and if you desaturate by 10%, it is **29.4427, 30.9742, 33.7054**.

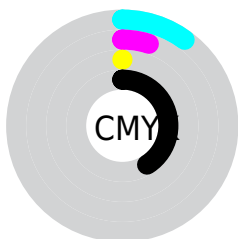
Distribution



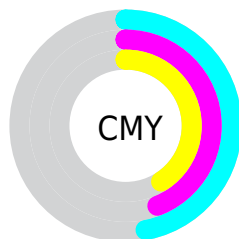
- Red (53%)
- Green (56%)
- Blue (59%)



- Red (53%)
- Yellow (55%)
- Blue (59%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5617, 27.1135, 33.1643 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 25.5617, 27.1135, 33.1643 by changing the saturation by 10% instead.

■ 25.5617, 27.1135,
33.1643

■ 25.5617, 27.1135,
33.1643

272.9201,
288.2062, 331.0441

■ 16.6270, 17.6585,
21.9802

■ 52.0034, 55.0659,
65.7509

■ 10.0626, 10.7051,
13.6442

■ 70.2410, 74.3322,
87.9905

■ 5.5030, 5.8689,
7.7377

■ 92.3104, 97.6376,
114.7524

■ 2.5831, 2.7655,
3.8422

118.5768,
125.3666, 146.4550

■ 0.9373, 1.0106,
1.5392

149.4057,
157.9035, 183.5169

■ 0.0000, 0.0000,
0.2469

185.1622,

■ 0.0000, 0.0000,

195.6329, 226.3567

0.0000

226.2120,
238.9390, 275.3930

■ 25.5617, 27.1135,
33.1643

■ 25.5617, 27.1135,
33.1643

■ 22.1146, 23.6068,
32.6695

■ 29.4427, 30.9742,
33.7054

■ 19.0828, 20.4395,
32.2180

■ 33.7705, 35.1958,
34.2921

■ 16.4499, 17.6012,
31.8089

■ 38.5603, 39.7896,
34.9264

■ 14.1973, 15.0795,
31.4409

■ 43.8261, 44.7652,
35.6092

■ 12.3050, 12.8610,
31.1124

■ 49.5810, 50.1316,
36.3417

■ 10.7507, 10.9311,
30.8218

■ 55.8377, 55.8979,
37.1250

■ 9.5097, 9.2739,
30.5674

■ 62.6085, 62.0726,
37.9599

■ 8.5530, 7.8711,
30.3470

■ 69.2391, 68.3206,
38.8164

■ 7.8115, 6.6835,
30.1569

■ 71.2449, 72.3322,
39.4850

Harmonies

Analogous

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



24.9859, 27.1135, 32.3401



25.5617, 27.1135, 33.1643



26.2030, 27.1135, 32.9817

Triad

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



25.5617, 27.1135, 33.1643



26.9519, 27.1135, 28.3075



24.8280, 27.1135, 27.3092

Complementary

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



25.5617, 27.1135, 33.1643



27.1798, 28.3032, 27.3236

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.



25.3429, 27.1135, 26.3131



25.5617, 27.1135, 33.1643



26.5715, 27.1135, 26.8725

Square

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



25.5617, 27.1135, 33.1643



27.0128, 27.1135, 30.1259



25.9806, 27.1135, 26.1566



24.5670, 27.1135, 28.9262

Rectangle

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



25.5617, 27.1135, 33.1643



26.5810, 27.1135, 32.3163



25.9806, 27.1135, 26.1566



24.9768, 27.1135, 26.8936

Sweetspot

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



25.5625, 27.1146, 33.1649



50.4701, 53.2404, 60.0500



26.2353, 29.3739, 30.5729



11.3474, 11.9780, 13.6314



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.5625, 27.1146, 33.1649



44.2867, 47.0541, 59.1819



24.5845, 25.0984, 32.8273



6.1103, 6.4779, 7.8573



6.6695, 5.7356, 25.6633



0.1356, 0.1576, 0.3956

Inverse Universe

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



26.5252, 26.1714, 29.6414



46.3885, 45.0404, 51.4791



28.2271, 30.4666, 27.6860



6.3228, 6.2683, 7.0798



11.8252, 5.9843, 5.6045



0.1949, 0.0967, 0.1793

Previews

White Background



This preview shows how the XYZ color 25.5617, 27.1135, 33.1643 looks on a white background.

Color Contrast Check

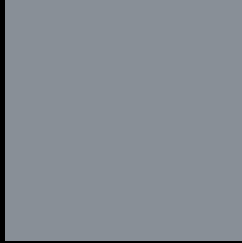
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5617, 27.1135, 33.1643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

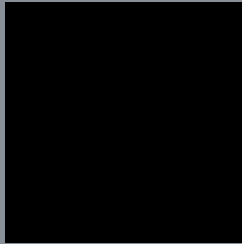
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5617, 27.1135, 33.1643

Background



This preview shows how black text looks on a background with the XYZ color 25.5617, 27.1135, 33.1643.



This preview shows how white text looks on a background with the XYZ color 25.5617, 27.1135,

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

25.5617, 27.1135, 33.1643

Protanopia

26.1852, 27.0025, 32.6861

Deuteranopia

27.5185, 27.0233, 33.4714



Tritanopia

25.8085, 27.2123, 34.4641

Trichromacy



Original Color

25.5617, 27.1135, 33.1643

Protanomaly

25.9932, 27.1235, 32.7195

Deuteranomaly

26.8996, 27.1342, 33.5254

Tritanomaly

25.7256, 27.1791, 34.0272

Monochromacy



Original Color

25.5617, 27.1135, 33.1643

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.5991, 26.9658, 30.6438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5617, 27.1135, 33.1643 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(136, 143, 151)` looks like.

```
.text, #text, p{  
    color:rgb(136, 143, 151)  
}
```

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(136, 143, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 143, 151) }
```

Border

The CSS property to change the border of an element to XYZ 25.5617, 27.1135, 33.1643 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(136, 143, 151) }
```


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

```
.border{ border-color:rgb(136, 143, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 143, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 143, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 143, 151);  
box-shadow:4px 4px 4px 4px rgb(136, 143,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5617, 27.1135, 33.1643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 143, 151) }
```

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

```
.background{ background-color: rgb(136,  
143, 151) }
```

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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