

Converting Colors

XYZ(25.8423, 27.3029, 33.6650)

Have a look what the booklet for
XYZ(25.8423, 27.3029, 33.6650)
contains.

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Color

**XYZ(25.8065, 27.2303,
33.6016)**

Conversions

Conversions Part 1

Format	Color
Hex	898F98
RGB	137, 143, 152
RGB Percent	54%, 56%, 60%
CMY	0.4627, 0.4392, 0.4039
CMYK	0.10, 0.06, 0.00, 0.40
HSL	216°, 7%, 57%
HSV	216°, 10%, 60%
XYZ	25.8065, 27.2303, 33.6016
YIQ	142.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

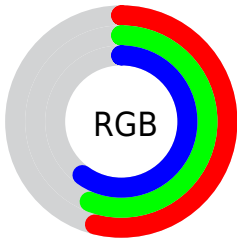
Format	Color
R_{YB}	137, 141, 152
Decimal	9015192
CIE _{Lab}	59.19, -0.31, -5.52
CIE _{LCh}	59, 5.531, 266.748
Yxy	27.2303, 0.2979, 0.3143
Android (android.graphics.Color)	4287205272 (0xFF898F98)
YUV	142.2320, 4.8156, -4.5885
Hunter-Lab	52.1827, -3.0440, -1.6503

Details

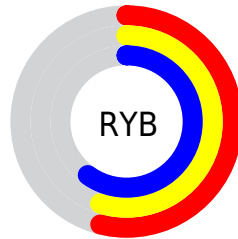
The XYZ color **25.8065, 27.2303, 33.6016** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7433, 29.0391, 27.8103**, and the grayscale version is **25.7870, 27.1299, 29.5445**.

A 20% lighter version of the original color is **52.3420, 55.3359, 66.3147**, and **10.1938, 10.7945, 13.8582** is the 20% darker color. If you saturate the color by 10%, you get **22.1748, 23.4087, 33.0558**, and if you desaturate by 10%, it is **29.9021, 31.4577, 34.2021**.

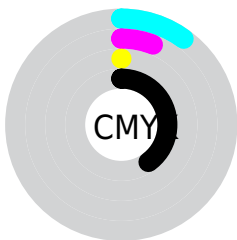
Distribution



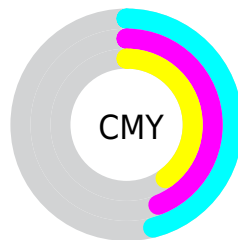
- Red (54%)
- Green (56%)
- Blue (60%)



- Red (54%)
- Yellow (55%)
- Blue (60%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8065, 27.2303, 33.6016 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 25.8065, 27.2303, 33.6016 by changing the saturation by 10% instead.

■ 25.8065, 27.2303,
33.6016

■ 25.8065, 27.2303,
33.6016

274.1051,
288.7705, 333.0667

■ 16.8109, 17.7463,
22.3128

■ 52.3961, 55.2532,
66.4404

■ 10.1942, 10.7680,
13.8864

■ 70.7209, 74.5609,
88.8276

■ 5.5912, 5.9110,
7.9039

■ 92.8860, 97.9118,
115.7513

■ 2.6364, 2.7911,
3.9466

119.2569,
125.6905, 147.6300

■ 0.9645, 1.0236,
1.5961

150.1988,
158.2814, 184.8824

■ 0.0000, 0.0000,
0.2880

186.0773,

■ 0.0000, 0.0000,

196.0687, 227.9270

0.0000

227.2576,
239.4369, 277.1822

■ 25.8065, 27.2303,
33.6016

■ 25.8065, 27.2303,
33.6016

■ 22.1748, 23.4087,
33.0558

■ 29.9021, 31.4577,
34.2021

■ 18.9874, 19.9766,
32.5613

■ 34.4756, 36.0997,
34.8571

■ 16.2267, 16.9218,
32.1172

■ 39.5431, 41.1690,
35.5685

■ 13.8731, 14.2298,
31.7216

■ 45.1195, 46.6768,
36.3377

■ 11.9051, 11.8852,
31.3728

■ 51.2188, 52.6337,
37.1660

■ 10.2994, 9.8714,
31.0687

■ 57.8546, 59.0501,
38.0547

■ 9.0296, 8.1699,
30.8072

■ 65.0400, 65.9360,
39.0051

■ 8.0651, 6.7598,
30.5859

■ 71.4497, 72.6113,
39.9558

■ 7.3358, 5.5997,
30.4004

■ 73.8502, 77.4123,
40.7559

Harmonies

Analogous

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



25.1618, 27.2303, 32.9373



25.8065, 27.2303, 33.6016



26.4826, 27.2303, 33.1687

Triad

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



25.8065, 27.2303, 33.6016



27.0830, 27.2303, 27.9738



24.7892, 27.2303, 27.6167

Complementary

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



25.8065, 27.2303, 33.6016



27.7433, 29.0391, 27.8103

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.



25.2898, 27.2303, 26.3879



25.8065, 27.2303, 33.6016



26.6150, 27.2303, 26.5875

Square

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



25.8065, 27.2303, 33.6016



27.2272, 27.2303, 29.8649



25.9568, 27.2303, 26.0195



24.5811, 27.2303, 29.4344

Rectangle

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



25.8065, 27.2303, 33.6016



26.8587, 27.2303, 32.3262



25.9568, 27.2303, 26.0195



24.9284, 27.2303, 27.1242

Sweetspot

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



25.8073, 27.2314, 33.6022



50.3833, 53.0668, 60.0211



26.7141, 29.8429, 31.4450



11.3228, 11.9289, 13.6232



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.



25.8073, 27.2314, 33.6022



43.9627, 46.4061, 59.0739



25.1363, 25.5835, 33.3195



6.0772, 6.4118, 7.8463



6.1721, 4.7408, 25.4975



0.1264, 0.1392, 0.3926

Inverse Universe

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



26.8531, 26.5505, 29.6974



46.2249, 44.9750, 50.6179



28.4602, 30.8185, 28.1160



6.3061, 6.2616, 6.9919



11.5741, 5.8839, 4.2825



0.1903, 0.0949, 0.1548

Previews

White Background



This preview shows how the XYZ color 25.8065, 27.2303, 33.6016 looks on a white background.

Color Contrast Check

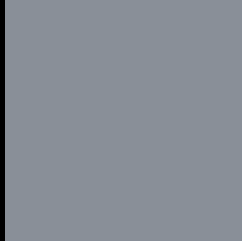
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8065, 27.2303, 33.6016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

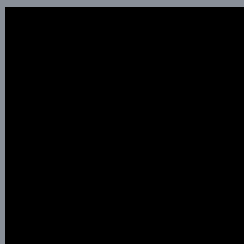
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8065, 27.2303, 33.6016

Background



This preview shows how black text looks on a background with the XYZ color 25.8065, 27.2303, 33.6016.



This preview shows how white text looks on a background with the XYZ color 25.8065, 27.2303,

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

25.8065, 27.2303, 33.6016

Protanopia

26.2661, 27.0349, 33.1120

Deuteranopia

27.6007, 27.0562, 33.9046



Tritanopia

25.9717, 27.2964, 34.4717

Trichromacy



Original Color

25.8065, 27.2303, 33.6016

Protanomaly

26.0741, 27.1558, 33.1455

Deuteranomaly

26.9819, 27.1671, 33.9587

Tritanomaly

25.8888, 27.2632, 34.0348

Monochromacy



Original Color

25.8065, 27.2303, 33.6016

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6765, 26.9968, 31.0517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8065, 27.2303, 33.6016 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(137, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(137, 143, 152)  
}
```

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(137, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 143, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.8065, 27.2303, 33.6016 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(137, 143, 152) }
```


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

```
.border{ border-color:rgb(137, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(137, 143,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8065, 27.2303, 33.6016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 143, 152) }
```

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

```
.background{ background-color: rgb(137,  
143, 152) }
```

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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