

Converting Colors

XYZ(26.8754, 28.7977, 35.3363)

Have a look what the booklet for
XYZ(26.8754, 28.7977, 35.3363)
contains.

XYZ(26.8228, 28.8647, 35.1681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8228, 28.8647,
35.1681)**

Conversions

Conversions Part 1

Format	Color
Hex	89949B
RGB	137, 148, 155
RGB Percent	54%, 58%, 61%
CMY	0.4627, 0.4196, 0.3922
CMYK	0.12, 0.05, 0.00, 0.39
HSL	203°, 8%, 57%
HSV	203°, 12%, 61%
XYZ	26.8228, 28.8647, 35.1681
YIQ	145.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

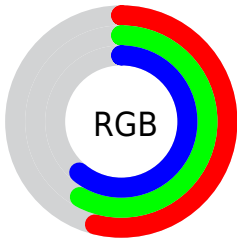
Format	Color
R_{YB}	137, 144, 155
Decimal	9016475
CIE Lab	60.66, -2.48, -5.05
CIE LCh	61, 5.622, 243.863
Yxy	28.8647, 0.2952, 0.3177
Android (android.graphics.Color)	4287206555 (0xFF89949B)
YUV	145.5090, 4.6791, -7.4624
Hunter-Lab	53.7259, -4.9036, -1.2022

Details

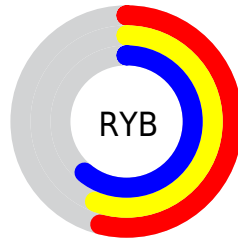
The XYZ color **26.8228, 28.8647, 35.1681** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.0063, 28.7211, 27.7350**, and the grayscale version is **27.1056, 28.5172, 31.0552**.

A 20% lighter version of the original color is **53.8644, 57.7917, 68.6376**, and **10.7039, 11.5751, 14.7668** is the 20% darker color. If you saturate the color by 10%, you get **23.5417, 25.8071, 34.7513**, and if you desaturate by 10%, it is **30.5199, 32.2113, 35.6197**.

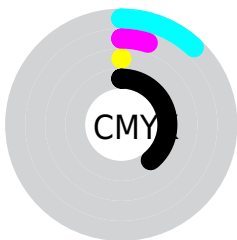
Distribution



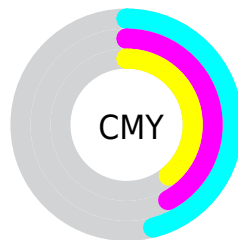
- Red (54%)
- Green (58%)
- Blue (61%)



- Red (54%)
- Yellow (56%)
- Blue (61%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (46%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8228, 28.8647, 35.1681 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 26.8228, 28.8647, 35.1681 by changing the saturation by 10% instead.

■ 26.8228, 28.8647,
35.1681

■ 26.8228, 28.8647,
35.1681

278.9813,
296.5760, 340.2365

■ 17.5761, 18.9785,
23.5078

■ 54.0213, 57.8621,
68.9006

■ 10.7439, 11.6547,
14.7601

■ 72.7038, 77.7420,
91.8099

■ 5.9609, 6.5090,
8.5064

■ 95.2622, 101.7219,
119.3060

■ 2.8618, 3.1570,
4.3283

122.0620,
130.1863, 151.8073

■ 1.0811, 1.2142,
1.8071

153.4684,
163.5195, 189.7325

■ 0.0092, 0.0733,
0.4326

189.8469,

■ 0.0000, 0.0000,

202.1060, 233.5001

0.0000

231.5627,
246.3300, 283.5285

■ 26.8228, 28.8647,
35.1681

■ 26.8228, 28.8647,
35.1681

■ 23.5417, 25.8071,
34.7513

■ 30.5199, 32.2113,
35.6197

■ 20.6578, 23.0254,
34.3664

■ 34.6456, 35.8524,
36.1050

■ 18.1545, 20.5109,
34.0130

■ 39.2154, 39.7975,
36.6256

■ 16.0132, 18.2526,
33.6899

■ 44.2431, 44.0548,
37.1824

■ 14.2135, 16.2388,
33.3961

■ 49.7416, 48.6322,
37.7761

■ 12.7326, 14.4568,
33.1302

■ 55.7238, 53.5371,
38.4075

■ 11.5448, 12.8919,
32.8907

■ 62.2017, 58.7767,
39.0775

■ 10.6200, 11.5273,
32.6761

■ 66.9441, 63.2018,
39.6817

■ 9.9854, 10.5045,
32.5121

■ 68.3327, 65.9790,
40.1445

Harmonies

Analogous

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



26.2886, 28.8647, 33.7166



26.8228, 28.8647, 35.1681



27.5295, 28.8647, 35.6020

Triad

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



26.8228, 28.8647, 35.1681



28.8559, 28.8647, 31.1594



26.6622, 28.8647, 28.2150

Complementary

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



26.8228, 28.8647, 35.1681



28.0063, 28.7211, 27.7350

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.



27.3408, 28.8647, 27.5950



26.8228, 28.8647, 35.1681



28.6143, 28.8647, 29.2468

Square

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



26.8228, 28.8647, 35.1681



28.7114, 28.8647, 33.2286



28.0565, 28.8647, 27.9643



26.1971, 28.8647, 29.6951

Rectangle

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



26.8228, 28.8647, 35.1681



28.0054, 28.8647, 35.2407



28.0565, 28.8647, 27.9643



26.8725, 28.8647, 27.9021

Sweetspot

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



26.8236, 28.8659, 35.1687



53.6531, 56.7877, 63.6696



27.0648, 30.7721, 30.8591



12.0236, 12.7455, 14.3968



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.8236, 28.8659, 35.1687



46.4027, 50.1883, 62.7779



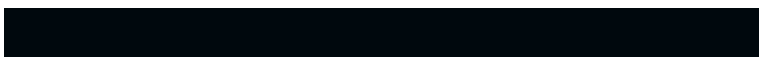
25.4805, 26.1796, 34.7210



6.1828, 6.6230, 7.8815



8.0580, 8.5126, 26.1261



0.1556, 0.1976, 0.4023

Inverse Universe

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



27.8092, 26.9986, 31.7639



48.5470, 46.2009, 55.3528



29.4083, 31.5250, 28.2023



6.3594, 6.2829, 7.2727



12.5260, 6.2647, 9.2951



0.2050, 0.1008, 0.2324

Previews

White Background



This preview shows how the XYZ color 26.8228, 28.8647, 35.1681 looks on a white background.

Color Contrast Check

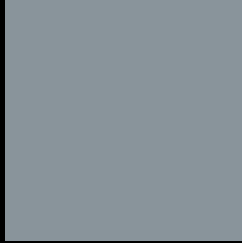
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8228, 28.8647, 35.1681 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

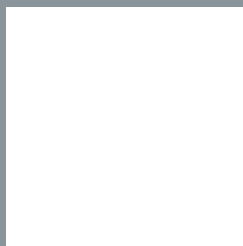
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8228, 28.8647, 35.1681

Background



This preview shows how black text looks on a background with the XYZ color 26.8228, 28.8647, 35.1681.



This preview shows how white text looks on a background with the XYZ color 26.8228, 28.8647,

35.1681.

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

26.8228, 28.8647, 35.1681

Protanopia

27.9078, 28.7537, 34.2161

Deuteranopia

29.3841, 28.8142, 35.4655



Tritanopia

27.1730, 28.7739, 36.9226

Trichromacy



Original Color

26.8228, 28.8647, 35.1681

Protanomaly

27.4393, 28.7305, 34.6712

Deuteranomaly

28.3684, 28.7364, 35.5040

Tritanomaly

27.0865, 28.7393, 36.4674

Monochromacy



Original Color

26.8228, 28.8647, 35.1681

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1862, 28.8770, 32.5747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8228, 28.8647, 35.1681 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, 148, 155)` looks like.

```
.text, #text, p{  
    color:rgb(137, 148, 155)  
}
```

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, 148, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 148, 155) }
```

Border

The CSS property to change the border of an element to XYZ 26.8228, 28.8647, 35.1681 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, 148, 155) }
```


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

```
.border{ border-color:rgb(137, 148, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 148, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 148, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 148, 155);  
box-shadow:4px 4px 4px 4px rgb(137, 148,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8228, 28.8647, 35.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 148, 155) }
```

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

```
.background{ background-color: rgb(137,  
148, 155) }
```

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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