

Converting Colors

XYZ(26.5230, 28.0206, 35.0210)

Have a look what the booklet for
XYZ(26.5230, 28.0206, 35.0210)
contains.

XYZ(26.5230, 28.0206, 35.0210)	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(26.5230, 28.0206,
35.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	8A919B
RGB	138, 145, 155
RGB Percent	54%, 57%, 61%
CMY	0.4588, 0.4314, 0.3922
CMYK	0.11, 0.06, 0.00, 0.39
HSL	215°, 8%, 57%
HSV	215°, 11%, 61%
XYZ	26.5230, 28.0206, 35.0210
YIQ	144.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

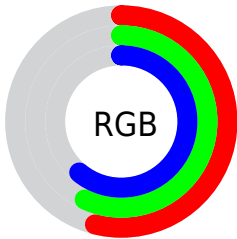
Format	Color
R_{YB}	138, 143, 155
Decimal	9081243
CIE Lab	59.91, -0.45, -6.16
CIE LCh	60, 6.173, 265.819
Yxy	28.0206, 0.2961, 0.3129
Android (android.graphics.Color)	4287271323 (0xFF8A919B)
YUV	144.0470, 5.3998, -5.3032
Hunter-Lab	52.9345, -3.1973, -2.1716

Details

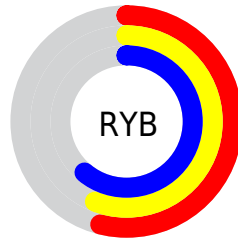
The XYZ color **26.5230, 28.0206, 35.0210** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6951, 29.9832, 28.3202**, and the grayscale version is **26.5099, 27.8905, 30.3727**.

A 20% lighter version of the original color is **53.4179, 56.5267, 68.4169**, and **10.6154, 11.2586, 14.7103** is the 20% darker color. If you saturate the color by 10%, you get **22.8020, 24.1175, 34.4642**, and if you desaturate by 10%, it is **30.7235, 32.3383, 35.6335**.

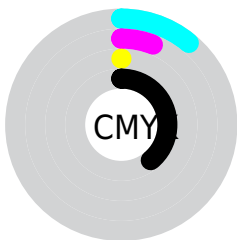
Distribution



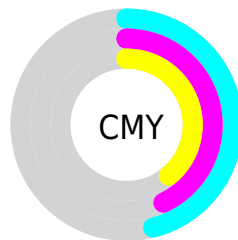
- Red (54%)
- Green (57%)
- Blue (61%)



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



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (46%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5230, 28.0206, 35.0210 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 26.5230, 28.0206, 35.0210 by changing the saturation by 10% instead.

■ 26.5230, 28.0206,
35.0210

■ 26.5230, 28.0206,
35.0210

277.5499,
292.5653, 339.5681

■ 17.3500, 18.3412,
23.3954

■ 53.5428, 56.5173,
68.6702

■ 10.5812, 11.1952,
14.6777

■ 72.1203, 76.1034,
91.5309

■ 5.8512, 6.1983,
8.4494

■ 94.5634, 99.7606,
118.9737

■ 2.7946, 2.9660,
4.2920

121.2375,
127.8731, 151.4171

■ 1.0461, 1.1140,
1.7868

152.5078,
160.8255, 189.2798

■ 0.0000, 0.0000,
0.4193

188.7397,

■ 0.0000, 0.0000,

199.0020, 232.9801

0.0000

230.2987,
242.7872, 282.9367

■ 26.5230, 28.0206,
35.0210

■ 26.5230, 28.0206,
35.0210

■ 22.8020, 24.1175,
34.4642

■ 30.7235, 32.3383,
35.6335

■ 19.5399, 20.6123,
33.9595

■ 35.4179, 37.0796,
36.3012

■ 16.7184, 17.4923,
33.5060

■ 40.6234, 42.2577,
37.0263

■ 14.3167, 14.7425,
33.1019

■ 46.3552, 47.8839,
37.8102

■ 12.3125, 12.3472,
32.7451

■ 52.6282, 53.9694,
38.6542

■ 10.6809, 10.2890,
32.4339

■ 59.4565, 60.5246,
39.5596

■ 9.3942, 8.5487,
32.1658

■ 66.8537, 67.5599,
40.5276

■ 8.4199, 7.1047,
31.9384

■ 72.2096, 73.7329,
41.4368

■ 7.7411, 6.0157,
31.7640

■ 74.6380, 78.5896,
42.2463

Harmonies

Analogous

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



25.7948, 28.0206, 34.2222



26.5230, 28.0206, 35.0210



27.2947, 28.0206, 34.5631

Triad

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



26.5230, 28.0206, 35.0210



28.0128, 28.0206, 28.6678



25.4051, 28.0206, 28.1480

Complementary

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



26.5230, 28.0206, 35.0210



28.6951, 29.9832, 28.3202

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.



25.9816, 28.0206, 26.7862



26.5230, 28.0206, 35.0210



27.4886, 28.0206, 27.0758

Square

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



26.5230, 28.0206, 35.0210



28.1646, 28.0206, 30.8255



26.7428, 28.0206, 26.4034



25.1575, 28.0206, 30.1960

Rectangle

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



26.5230, 28.0206, 35.0210



27.7285, 28.0206, 33.6183



26.7428, 28.0206, 26.4034



25.5663, 28.0206, 27.5988

Sweetspot

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



26.5238, 28.0218, 35.0216



53.3768, 56.2351, 63.5775



27.5418, 30.9820, 32.5114



11.9456, 12.5894, 14.3708



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.



26.5238, 28.0218, 35.0216



45.9027, 48.5207, 62.4824



25.7225, 26.0689, 34.6869



6.0830, 6.4234, 7.8482



6.2534, 4.9035, 25.5246



0.1280, 0.1424, 0.3931

Inverse Universe

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



27.7175, 27.1904, 30.5768



48.4575, 46.7890, 52.9585



29.5565, 32.1074, 28.6848



6.3090, 6.2628, 7.0074



11.6152, 5.9003, 4.4987



0.1911, 0.0952, 0.1591

Previews

White Background



This preview shows how the XYZ color 26.5230, 28.0206, 35.0210 looks on a white background.

Color Contrast Check

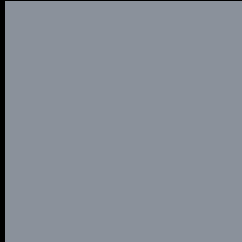
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5230, 28.0206, 35.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

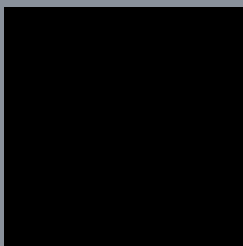
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

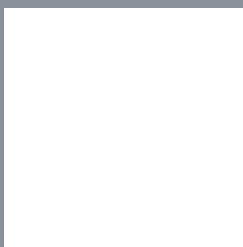
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5230, 28.0206, 35.0210

Background



This preview shows how black text looks on a background with the XYZ color 26.5230, 28.0206, 35.0210.



This preview shows how white text looks on a background with the XYZ color 26.5230, 28.0206,

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

26.5230, 28.0206, 35.0210

Protanopia

27.1568, 27.9073, 34.5272

Deuteranopia

28.5157, 27.9288, 35.3403



Tritanopia

26.6074, 28.0544, 35.4652

Trichromacy



Original Color

26.5230, 28.0206, 35.0210

Protanomaly

26.9613, 28.0304, 34.5612

Deuteranomaly

27.8865, 28.0422, 35.3954

Tritanomaly

26.6074, 28.0544, 35.4652

Monochromacy



Original Color

26.5230, 28.0206, 35.0210

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.4739, 27.8354, 31.9944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5230, 28.0206, 35.0210 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(138, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(138, 145, 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(138, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 145, 155) }
```

Border

The CSS property to change the border of an element to XYZ 26.5230, 28.0206, 35.0210 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(138, 145, 155) }
```


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

```
.border{ border-color:rgb(138, 145, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 145, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 145, 155);  
box-shadow:4px 4px 4px 4px rgb(138, 145,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5230, 28.0206, 35.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 145, 155) }
```

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

```
.background{ background-color: rgb(138,  
145, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor