

Converting Colors

XYZ(25.9831, 26.4467, 35.0224)

Have a look what the booklet for
XYZ(25.9831, 26.4467, 35.0224)
contains.

XYZ(26.0486, 26.4410, 35.1832)	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(26.0486, 26.4410,
35.1832)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8B9C
RGB	140, 139, 156
RGB Percent	55%, 55%, 61%
CMY	0.4510, 0.4549, 0.3882
CMYK	0.10, 0.11, 0.00, 0.39
HSL	244°, 8%, 58%
HSV	244°, 11%, 61%
XYZ	26.0486, 26.4410, 35.1832
YIQ	141.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

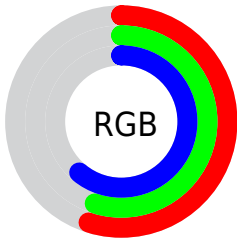
Format	Color
R_{YB}	140, 139, 156
Decimal	9210780
CIE _{Lab}	58.45, 3.86, -8.87
CIE _{LCh}	58, 9.677, 293.494
Yxy	26.4410, 0.2971, 0.3016
Android (android.graphics.Color)	4287400860 (0xFF8C8B9C)
YUV	141.2370, 7.2782, -1.0848
Hunter-Lab	51.4208, 0.4376, -4.5729

Details

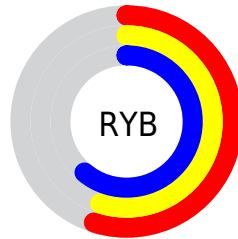
The XYZ color **26.0486, 26.4410, 35.1832** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.0672, 32.6103, 29.1371**, and the grayscale version is **25.3848, 26.7067, 29.0836**.

A 20% lighter version of the original color is **52.7306, 53.8218, 68.5822**, and **10.3386, 10.3383, 14.8152** is the 20% darker color. If you saturate the color by 10%, you get **21.6378, 21.0504, 34.3756**, and if you desaturate by 10%, it is **31.1136, 32.6487, 36.1149**.

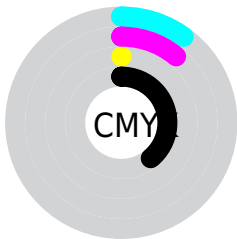
Distribution



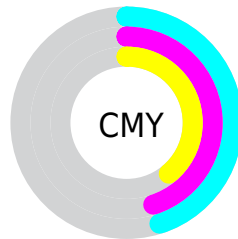
- Red (55%)
- Green (55%)
- Blue (61%)



- Red (55%)
- Yellow (55%)
- Blue (61%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0486, 26.4410, 35.1832 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 26.0486, 26.4410, 35.1832 by changing the saturation by 10% instead.

■ 26.0486, 26.4410,
35.1832

■ 26.0486, 26.4410,
35.1832

275.2729,
284.9403, 340.3050

■ 16.9929, 17.1538,
23.5193

■ 52.7841, 53.9855,
68.9243

■ 10.3247, 10.3442,
14.7686

■ 71.1945, 73.0117,
91.8386

■ 5.6787, 5.6278,
8.5123

■ 93.4540, 96.0530,
119.3401

■ 2.6895, 2.6201,
4.3320

119.9277,
123.4938, 151.8474

■ 0.9918, 0.9368,
1.8092

150.9811,
155.7186, 189.7790

■ 0.0000, 0.0000,
0.4340

186.9795,

■ 0.0000, 0.0000,

193.1116, 233.5534

0.0000

228.2884,
236.0574, 283.5893

■ 26.0486, 26.4410,
35.1832

■ 26.0486, 26.4410,
35.1832

■ 21.6378, 21.0504,
34.3756

■ 31.1136, 32.6487,
36.1149

■ 17.8521, 16.4397,
33.6852

■ 36.8553, 39.7021,
37.1737

■ 14.6641, 12.5739,
33.1070

■ 43.2984, 47.6324,
38.3648

■ 12.0431, 9.4138,
32.6352

■ 50.4654, 56.4684,
39.6926

■ 9.9558, 6.9167,
32.2632

■ 58.3778, 66.2373,
41.1611

■ 8.3655, 5.0353,
31.9839

■ 67.0563, 76.9654,
42.7745

■ 7.2307, 3.7162,
31.7891

■ 76.5207, 88.6780,
44.5364

■ 6.5033, 2.8965,
31.6692

■ 83.0008, 95.1803,
45.4499

■ 6.1155, 2.4594,
31.6053

Harmonies

Analogous

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



24.8747, 26.4410, 35.7553



26.0486, 26.4410, 35.1832



27.0034, 26.4410, 32.8394

Triad

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



26.0486, 26.4410, 35.1832



26.5083, 26.4410, 23.8671



22.9396, 26.4410, 28.0583

Complementary

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



26.0486, 26.4410, 35.1832



30.0672, 32.6103, 29.1371

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.



23.3480, 26.4410, 25.0875



26.0486, 26.4410, 35.1832



25.3899, 26.4410, 22.7933

Square

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



26.0486, 26.4410, 35.1832



27.2745, 26.4410, 26.2714



24.2359, 26.4410, 23.2219



23.1036, 26.4410, 31.4641

Rectangle

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



26.0486, 26.4410, 35.1832



27.3747, 26.4410, 30.6795



24.2359, 26.4410, 23.2219



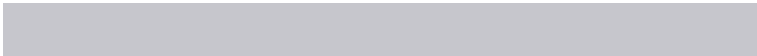
23.0141, 26.4410, 26.9792

Sweetspot

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



26.0494, 26.4421, 35.1838



54.4176, 56.7313, 65.2089



28.3953, 31.3826, 36.0137



11.8127, 12.2853, 14.3191



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.



26.0494, 26.4421, 35.1838



45.3152, 45.5820, 63.5366



27.5105, 27.1953, 35.2522



6.3190, 6.4529, 8.3192



5.0477, 2.0312, 26.0333



0.0996, 0.0411, 0.4659

Inverse Universe

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



28.8602, 27.9009, 34.8759



51.4322, 48.7569, 62.8526



28.5194, 31.8124, 29.0646



6.8873, 6.7479, 8.2578



15.6252, 7.5546, 23.3410



0.2839, 0.1369, 0.4414

Previews

White Background



This preview shows how the XYZ color 26.0486, 26.4410, 35.1832 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 26.0486, 26.4410, 35.1832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

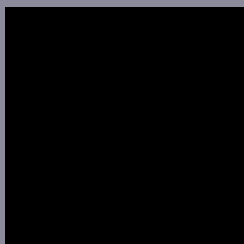
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0486, 26.4410, 35.1832

Background



This preview shows how black text looks on a background with the XYZ color 26.0486, 26.4410, 35.1832.



This preview shows how white text looks on a background with the XYZ color 26.0486, 26.4410,

35.1832.

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

26.0486, 26.4410, 35.1832

Protanopia

25.7146, 26.2688, 35.1676

Deuteranopia

26.9790, 26.4947, 35.1445



Tritanopia

25.6115, 26.4795, 33.0393

Trichromacy



Original Color

26.0486, 26.4410, 35.1832

Protanomaly

25.8808, 26.3545, 35.1754

Deuteranomaly

26.5908, 26.5065, 35.1673

Tritanomaly

25.7753, 26.5450, 33.9022

Monochromacy



Original Color

26.0486, 26.4410, 35.1832

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5509, 26.4942, 30.9613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0486, 26.4410, 35.1832 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(140, 139, 156)` looks like.

```
.text, #text, p{  
    color:rgb(140, 139, 156)  
}
```

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(140, 139, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 139, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.0486, 26.4410, 35.1832 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(140, 139, 156) }
```


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

```
.border{ border-color:rgb(140, 139, 156) }
```

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

Here you see how a box with a 4 pixel rgb(140, 139, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 139, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 139, 156);  
box-shadow:4px 4px 4px 4px rgb(140, 139,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0486, 26.4410, 35.1832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 139, 156) }
```

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

```
.background{ background-color: rgb(140,  
139, 156) }
```

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