

Converting Colors

XYZ(26.1304, 25.2855, 34.5039)

Have a look what the booklet for
XYZ(26.1304, 25.2855, 34.5039)
contains.

XYZ(26.1580, 25.2526, 34.5059)	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(26.1580, 25.2526,
34.5059)**

Conversions

Conversions Part 1

Format	Color
Hex	92859B
RGB	146, 133, 155
RGB Percent	57%, 52%, 61%
CMY	0.4274, 0.4784, 0.3922
CMYK	0.06, 0.14, 0.00, 0.39
HSL	275°, 10%, 56%
HSV	275°, 14%, 61%
XYZ	26.1580, 25.2526, 34.5059
YIQ	139.3950, 0.6860, 9.5980

Conversions

Conversions Part 2

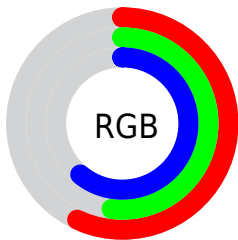
Format	Color
R_{YB}	146, 133, 155
Decimal	9602459
CIE _{Lab}	57.32, 9.19, -9.94
CIE _{LCh}	57, 13.540, 312.763
Yxy	25.2526, 0.3045, 0.2939
Android (android.graphics.Color)	4287792539 (0xFF92859B)
YUV	139.3950, 7.6933, 5.7926
Hunter-Lab	50.2520, 4.9749, -5.5356

Details

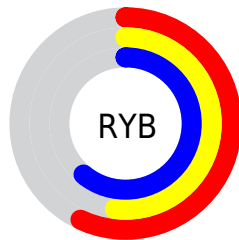
The XYZ color **26.1580, 25.2526, 34.5059** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1112, 30.8876, 26.7245**, and the grayscale version is **24.6646, 25.9491, 28.2585**.

A 20% lighter version of the original color is **52.8869, 52.0006, 67.5713**, and **10.3113, 9.6189, 14.4099** is the 20% darker color. If you saturate the color by 10%, you get **23.0946, 20.7527, 33.7992**, and if you desaturate by 10%, it is **29.5986, 30.4132, 35.3210**.

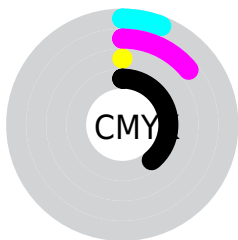
Distribution



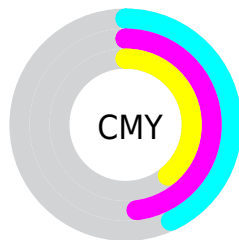
- Red (57%)
- Green (52%)
- Blue (61%)



- Red (57%)
- Yellow (52%)
- Blue (61%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (43%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1580, 25.2526, 34.5059 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 26.1580, 25.2526, 34.5059 by changing the saturation by 10% instead.

■ 26.1580, 25.2526,
34.5059

■ 26.1580, 25.2526,
34.5059

275.7993,
279.0936, 337.2197

■ 17.0752, 16.2654,
23.0020

■ 52.9592, 52.0667,
67.8625

■ 10.3837, 9.7121,
14.3897

■ 71.4083, 70.6624,
90.5523

■ 5.7183, 5.2085,
8.2504

■ 93.7102, 93.2296,
117.8077

■ 2.7136, 2.3701,
4.1655

120.2303,
120.1529, 150.0475

■ 1.0042, 0.8104,
1.7166

151.3339,
151.8165, 187.6900

■ 0.0000, 0.0000,
0.3720

187.3864,

■ 0.0000, 0.0000,

188.6049, 231.1539

0.0000

228.7530,
230.9024, 280.8576

■ 26.1580, 25.2526,
34.5059

■ 26.1580, 25.2526,
34.5059

■ 23.0946, 20.7527,
33.7992

■ 29.5986, 30.4132,
35.3210

■ 20.3914, 16.8825,
33.1946

■ 33.4280, 36.2574,
36.2473

■ 18.0336, 13.6131,
32.6878

■ 37.6600, 42.8111,
37.2892

■ 16.0042, 10.9122,
32.2735

■ 42.3069, 50.0976,
38.4507

■ 14.2845, 8.7442,
31.9456

■ 47.3808, 58.1394,
39.7355

■ 12.8541, 7.0696,
31.6978

■ 52.8928, 66.9578,
41.1471

■ 11.6892, 5.8430,
31.5224

■ 58.8540, 76.5734,
42.6889

■ 10.7617, 5.0095,
31.4104

■ 64.6322, 85.7207,
44.1500

■ 10.2890, 4.6207,
31.3603

■ 66.3250, 86.5933,
44.2292

Harmonies

Analogous

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



24.6898, 25.2526, 37.0444



26.1580, 25.2526, 34.5059



27.0705, 25.2526, 30.1979

Triad

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



26.1580, 25.2526, 34.5059



24.9277, 25.2526, 19.8911



21.1170, 25.2526, 29.4942

Complementary

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



26.1580, 25.2526, 34.5059



27.1112, 30.8876, 26.7245

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.



21.1743, 25.2526, 24.9599



26.1580, 25.2526, 34.5059



23.3267, 25.2526, 19.7476

Square

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



26.1580, 25.2526, 34.5059



26.3388, 25.2526, 21.9226



21.9675, 25.2526, 21.5059



21.8074, 25.2526, 33.9415

Rectangle

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



26.1580, 25.2526, 34.5059



27.2170, 25.2526, 27.0721



21.9675, 25.2526, 21.5059



21.0504, 25.2526, 27.9239

Sweetspot

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



26.1588, 25.2537, 34.5065



53.0815, 54.5784, 63.2733



25.2880, 26.7497, 34.8411



11.9097, 12.1946, 14.2965



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.



26.1588, 25.2537, 34.5065



45.0528, 42.5706, 61.3787



27.6694, 26.0501, 33.7795



6.2167, 6.1976, 7.7976



8.3081, 3.7340, 25.1906



0.1653, 0.0770, 0.3785

Inverse Universe

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



26.7884, 25.6977, 29.1405



46.4271, 43.5370, 49.7879



25.7565, 30.1745, 27.3281



6.3083, 6.2625, 7.0037



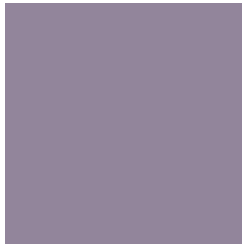
11.6054, 5.8964, 4.4470



0.1909, 0.0951, 0.1581

Previews

White Background



This preview shows how the XYZ color 26.1580, 25.2526, 34.5059 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 26.1580, 25.2526, 34.5059 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 26.1580, 25.2526, 34.5059

Background



This preview shows how black text looks on a background with the XYZ color 26.1580, 25.2526, 34.5059.



This preview shows how white text looks on a background with the XYZ color 26.1580, 25.2526,

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

26.1580, 25.2526, 34.5059

Protanopia

24.8630, 25.3940, 35.4894

Deuteranopia

25.7692, 25.2564, 34.5271



Tritanopia

25.2764, 25.3016, 30.3395

Trichromacy



Original Color

26.1580, 25.2526, 34.5059

Protanomaly

25.2861, 25.4119, 35.0248

Deuteranomaly

25.9431, 25.3460, 34.5353

Tritanomaly

25.6270, 25.2399, 31.9549

Monochromacy



Original Color

26.1580, 25.2526, 34.5059

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.2118, 25.6864, 30.4172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1580, 25.2526, 34.5059 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(146, 133, 155)` looks like.

```
.text, #text, p{  
    color:rgb(146, 133, 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(146, 133, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 133, 155) }
```

Border

The CSS property to change the border of an element to XYZ 26.1580, 25.2526, 34.5059 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(146, 133, 155) }
```


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

```
.border{ border-color:rgb(146, 133, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 133, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 133, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 133, 155);  
box-shadow:4px 4px 4px 4px rgb(146, 133,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1580, 25.2526, 34.5059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 133, 155) }
```

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

```
.background{ background-color: rgb(146,  
133, 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