

Converting Colors

XYZ(26.1317, 26.8557, 53.2627)

Have a look what the booklet for
XYZ(26.1317, 26.8557, 53.2627)
contains.

XYZ(26.1659, 26.9839, 53.1195)	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(26.1659, 26.9839,
53.1195)**

Conversions

Conversions Part 1

Format	Color
Hex	728FBF
RGB	114, 143, 191
RGB Percent	45%, 56%, 75%
CMY	0.5529, 0.4392, 0.2510
CMYK	0.40, 0.25, 0.00, 0.25
HSL	217°, 38%, 60%
HSV	217°, 40%, 75%
XYZ	26.1659, 26.9839, 53.1195
YIQ	139.8010, -32.6920, 8.7800

Conversions

Conversions Part 2

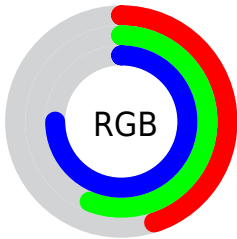
Format	Color
RYB	114, 135, 191
Decimal	7507903
CIELab	58.96, 2.16, -28.20
CIELCh	59, 28.287, 274.385
Yxy	26.9839, 0.2462, 0.2539
Android (android.graphics.Color)	4285697983 (0xFF728FBF)
YUV	139.8010, 25.2411, -22.6275
Hunter-Lab	51.9460, -0.9927, -24.2672

Details

The XYZ color **26.1659, 26.9839, 53.1195** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **37.4443, 38.1330, 21.3076**, and the grayscale version is **24.7651, 26.0548, 28.3737**.

A 20% lighter version of the original color is **53.0580, 55.0346, 96.6332**, and **10.3542, 10.6269, 25.1724** is the 20% darker color. If you saturate the color by 10%, you get **22.2426, 22.4477, 52.4512**, and if you desaturate by 10%, it is **30.7996, 32.1690, 53.8766**.

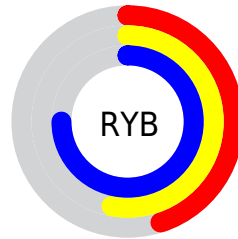
Distribution



Red (45%)

Green (56%)

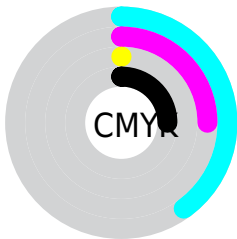
Blue (75%)



Red (45%)

Yellow (53%)

Blue (75%)

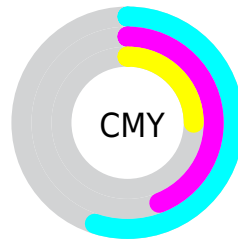


Cyan (40%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (55%)

Magenta (44%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1659, 26.9839, 53.1195 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 26.1659, 26.9839, 53.1195 by changing the saturation by 10% instead.

■ 26.1659, 26.9839,
53.1195

■ 26.1659, 26.9839,
53.1195

275.8373,
287.5792, 415.8227

■ 17.0811, 17.5611,
37.5098

■ 52.9719, 54.8580,
96.2235

■ 10.3880, 10.6354,
25.3036

■ 71.4238, 74.0782,
124.5549

■ 5.7212, 5.8222,
16.0823

■ 93.7287, 97.3329,
157.9639

■ 2.7153, 2.7373,
9.4274

120.2521,
125.0066, 196.8692

■ 1.0051, 0.9962,
4.9204

151.3594,
157.4837, 241.6891

■ 0.0000, 0.0000,
2.1427

187.4157,

■ 0.0000, 0.0000,

195.1486, 292.8423

0.6410

228.7866,
238.3856, 350.7474

■ 0.0000, 0.0000,
0.0000

■ 26.1659, 26.9839,
53.1195

■ 26.1659, 26.9839,
53.1195

■ 22.2426, 22.4477,
52.4512

■ 30.7996, 32.1690,
53.8766

■ 18.9883, 18.5288,
51.8663

■ 36.1762, 38.0267,
54.7239

■ 16.3617, 15.1972,
51.3617

■ 42.3295, 44.5827,
55.6650

■ 14.3150, 12.4185,
50.9332

■ 49.2904, 51.8609,
56.7029

■ 12.7923, 10.1537,
50.5763

■ 57.0879, 59.8834,
57.8405

■ 11.7172, 8.3879,
50.2921

■ 65.7497, 68.6719,
59.0803

■ 75.3021, 78.2467,
60.4250

■ 81.2930, 86.3196,
61.6674

■ 84.8801, 93.4936,
62.8631

Harmonies

Analogous

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



22.8440, 26.9839, 50.4360



26.1659, 26.9839, 53.1195



29.6429, 26.9839, 48.3506

Triad

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



26.1659, 26.9839, 53.1195



31.6178, 26.9839, 19.7769



20.0401, 26.9839, 21.8049

Complementary

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



26.1659, 26.9839, 53.1195



37.4443, 38.1330, 21.3076

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.



22.0281, 26.9839, 16.1626



26.1659, 26.9839, 53.1195



28.6712, 26.9839, 15.1923

Square

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



26.1659, 26.9839, 53.1195



32.9672, 26.9839, 27.9303



25.1358, 26.9839, 14.0378



19.5002, 26.9839, 30.8808

Rectangle

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



26.1659, 26.9839, 53.1195



31.5226, 26.9839, 42.1079



25.1358, 26.9839, 14.0378



20.5517, 26.9839, 19.5176

Sweetspot

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



26.1668, 26.9849, 53.1201



73.6338, 77.5452, 99.3659



32.0468, 43.4300, 40.6368



15.8394, 16.6784, 21.7697



92.9021, 97.7402, 106.4391



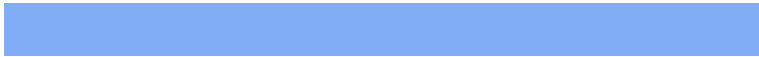
19.4759, 20.4902, 22.3138

Same Dimension

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



26.1668, 26.9849, 53.1201



40.8468, 41.3912, 94.1156



23.5883, 20.0071, 51.9092



9.3030, 9.7984, 12.0732



7.7722, 5.6561, 33.0750



0.3679, 0.3484, 1.3167

Inverse Universe

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



32.4619, 25.0952, 29.1205



53.8574, 38.4692, 44.2931



40.9641, 48.4242, 23.1085



9.6748, 9.5942, 10.6765



14.9238, 7.6007, 4.8924



0.6166, 0.3105, 0.3602

Previews

White Background



This preview shows how the XYZ color 26.1659, 26.9839, 53.1195 looks on a white background.

Color Contrast Check

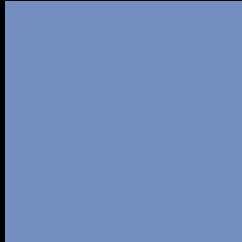
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1659, 26.9839, 53.1195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

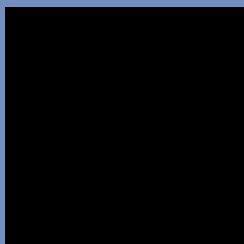
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

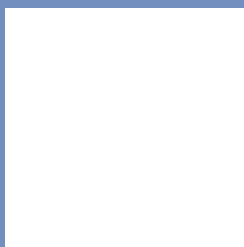
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1659, 26.9839, 53.1195

Background



This preview shows how black text looks on a background with the XYZ color 26.1659, 26.9839, 53.1195.



This preview shows how white text looks on a background with the XYZ color 26.1659, 26.9839,

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

26.1659, 26.9839, 53.1195

Protanopia

27.4655, 27.0195, 51.9118

Deuteranopia

27.6449, 27.0740, 53.6379



Tritanopia

23.1243, 27.1323, 37.7365

Trichromacy



Original Color

26.1659, 26.9839, 53.1195

Protanomaly

26.9875, 26.9784, 52.5002

Deuteranomaly

27.0653, 26.9931, 53.6529

Tritanomaly

24.1868, 27.0972, 42.9852

Monochromacy



Original Color

26.1659, 26.9839, 53.1195

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1430, 26.3783, 36.5672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1659, 26.9839, 53.1195 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(114, 143, 191)` looks like.

```
.text, #text, p{  
    color:rgb(114, 143, 191)  
}
```

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(114, 143, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 143, 191) }
```

Border

The CSS property to change the border of an element to XYZ 26.1659, 26.9839, 53.1195 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(114, 143, 191) }
```


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

```
.border{ border-color:rgb(114, 143, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 143, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 143, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 143, 191);  
box-shadow:4px 4px 4px 4px rgb(114, 143,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1659, 26.9839, 53.1195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 143, 191) }
```

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

```
.background{ background-color: rgb(114,  
143, 191) }
```

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