

Converting Colors

XYZ(26.2727, 26.7707, 48.9110)

Have a look what the booklet for
XYZ(26.2727, 26.7707, 48.9110)
contains.

XYZ(26.2026, 26.6480, 49.1100)	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(26.2026, 26.6480,
49.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8DB8
RGB	122, 141, 184
RGB Percent	48%, 55%, 72%
CMY	0.5216, 0.4470, 0.2784
CMYK	0.34, 0.23, 0.00, 0.28
HSL	222°, 30%, 60%
HSV	222°, 34%, 72%
XYZ	26.2026, 26.6480, 49.1100
YIQ	140.2210, -25.1270, 9.3450

Conversions

Conversions Part 2

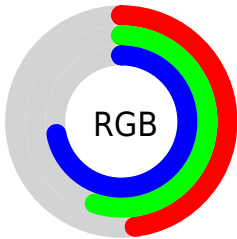
Format	Color
R_{YB}	122, 137, 184
Decimal	8031672
CIE _{Lab}	58.65, 3.66, -24.68
CIE _{LCh}	59, 24.947, 278.439
Yxy	26.6480, 0.2570, 0.2614
Android (android.graphics.Color)	4286221752 (0xFF7A8DB8)
YUV	140.2210, 21.5830, -15.9798
Hunter-Lab	51.6217, 0.2666, -20.2700

Details

The XYZ color **26.2026, 26.6480, 49.1100** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **36.7356, 38.5061, 23.9094**, and the grayscale version is **24.9395, 26.2383, 28.5735**.

A 20% lighter version of the original color is **52.9245, 54.1049, 90.0920**, and **10.4364, 10.4605, 22.9417** is the 20% darker color. If you saturate the color by 10%, you get **22.0654, 21.8815, 48.4085**, and if you desaturate by 10%, it is **31.0517, 32.1045, 49.9081**.

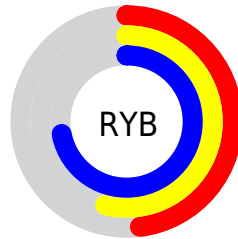
Distribution



Red (48%)

Green (55%)

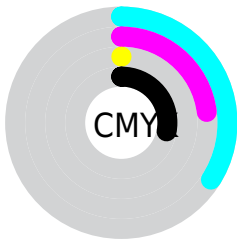
Blue (72%)



Red (48%)

Yellow (54%)

Blue (72%)

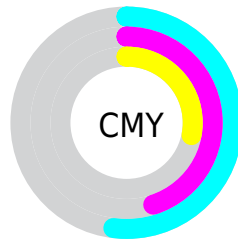


Cyan (34%)

Magenta (23%)

Yellow (0%)

Black (28%)



Cyan (52%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2026, 26.6480, 49.1100 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 26.2026, 26.6480, 49.1100 by changing the saturation by 10% instead.

■ 26.2026, 26.6480,
49.1100

■ 26.2026, 26.6480,
49.1100

276.0137,
285.9487, 399.8101

■ 17.1087, 17.3090,
34.3405

■ 53.0306, 54.3185,
90.2375

■ 10.4078, 10.4551,
22.8758

■ 71.4954, 73.4188,
117.4326

■ 5.7345, 5.7017,
14.2974

■ 93.8146, 96.5417,
149.6066

■ 2.7235, 2.6646,
8.1867

120.3536,
124.0716, 187.1782

■ 1.0093, 0.9592,
4.1252

151.4776,
156.3929, 230.5658

■ 0.0000, 0.0000,
1.6943

187.5521,

■ 0.0000, 0.0000,

193.8899, 280.1879

0.3568

228.9423,
236.9470, 336.4632

■ 0.0000, 0.0000,
0.0000

■ 26.2026, 26.6480,
49.1100

■ 26.2026, 26.6480,
49.1100

■ 22.0654, 21.8815,
48.4085

■ 31.0517, 32.1045,
49.9081

■ 18.6022, 17.7728,
47.7980

■ 36.6426, 38.2752,
50.8045

■ 15.7754, 14.2918,
47.2751

■ 43.0070, 45.1867,
51.8031

■ 13.5424, 11.4042,
46.8354

■ 50.1736, 52.8633,
52.9071

■ 11.8550, 9.0722,
46.4742

■ 58.1697, 61.3283,
54.1196

■ 10.6560, 7.2522,
46.1861

■ 67.0214, 70.6038,
55.4434

■ 10.0850, 6.3270,
46.0376

■ 76.7535, 80.7112,
56.8814

■ 81.9699, 88.8768,
58.1826

■ 85.6518, 96.2407,
59.4099

Harmonies

Analogous

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



23.2241, 26.6480, 47.7062



26.2026, 26.6480, 49.1100



29.1701, 26.6480, 44.3393

Triad

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



26.2026, 26.6480, 49.1100



30.2287, 26.6480, 19.7389



20.2345, 26.6480, 23.2457

Complementary

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



26.2026, 26.6480, 49.1100



36.7356, 38.5061, 23.9094

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.



21.8392, 26.6480, 17.7041



26.2026, 26.6480, 49.1100



27.5555, 26.6480, 15.9819

Square

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



26.2026, 26.6480, 49.1100



31.6142, 26.6480, 26.6088



24.4733, 26.6480, 15.3206



19.9359, 26.6480, 31.5624

Rectangle

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



26.2026, 26.6480, 49.1100



30.6871, 26.6480, 38.7728



24.4733, 26.6480, 15.3206



20.6324, 26.6480, 21.0495

Sweetspot

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



26.2035, 26.6490, 49.1106



70.3308, 73.6472, 92.7131



31.9012, 41.1128, 41.5507



14.8244, 15.5091, 19.9338



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.2035, 26.6490, 49.1106



42.1365, 42.1519, 88.1199



25.3428, 22.3970, 48.3353



8.7396, 9.1564, 11.3862



7.0062, 4.4721, 31.7470



0.3035, 0.2707, 1.1380

Inverse Universe

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



31.5351, 26.0333, 28.5632



53.3420, 41.3899, 44.8163



37.8066, 44.5292, 25.0155



9.1149, 9.0563, 9.9525



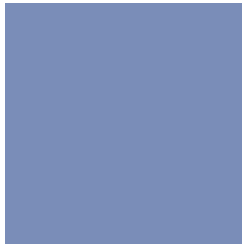
14.1501, 7.2338, 3.4113



0.5274, 0.2664, 0.2705

Previews

White Background



This preview shows how the XYZ color 26.2026, 26.6480, 49.1100 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 26.2026, 26.6480, 49.1100 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

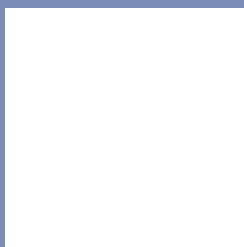
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2026, 26.6480, 49.1100

Background



This preview shows how black text looks on a background with the XYZ color 26.2026, 26.6480, 49.1100.



This preview shows how white text looks on a background with the XYZ color 26.2026, 26.6480,

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

26.2026, 26.6480, 49.1100

Protanopia

26.8331, 26.5513, 48.5104

Deuteranopia

27.2055, 26.5050, 49.5810



Tritanopia

23.5671, 26.7051, 35.8108

Trichromacy



Original Color

26.2026, 26.6480, 49.1100

Protanomaly

26.5295, 26.6107, 48.5379

Deuteranomaly

26.8917, 26.5572, 49.6077

Tritanomaly

24.4195, 26.5881, 40.4042

Monochromacy



Original Color

26.2026, 26.6480, 49.1100

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0517, 26.1430, 35.1782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2026, 26.6480, 49.1100 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(122, 141, 184)` looks like.

```
.text, #text, p{  
    color:rgb(122, 141, 184)  
}
```

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(122, 141, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 141, 184) }
```

Border

The CSS property to change the border of an element to XYZ 26.2026, 26.6480, 49.1100 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(122, 141, 184) }
```


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

```
.border{ border-color:rgb(122, 141, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 141, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 141, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 141, 184);  
box-shadow:4px 4px 4px 4px rgb(122, 141,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2026, 26.6480, 49.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 141, 184) }
```

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

```
.background{ background-color: rgb(122,  
141, 184) }
```

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