

Converting Colors

XYZ(26.3651, 27.8870, 47.7092)

Have a look what the booklet for
XYZ(26.3651, 27.8870, 47.7092)
contains.

XYZ(26.3651, 27.8870, 47.7092)	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(26.3651, 27.8870,
47.7092)**

Conversions

Conversions Part 1

Format	Color
Hex	7892B5
RGB	120, 146, 181
RGB Percent	47%, 57%, 71%
CMY	0.5294, 0.4274, 0.2902
CMYK	0.34, 0.19, 0.00, 0.29
HSL	214°, 29%, 59%
HSV	214°, 34%, 71%
XYZ	26.3651, 27.8870, 47.7092
YIQ	142.2160, -26.7310, 5.3730

Conversions

Conversions Part 2

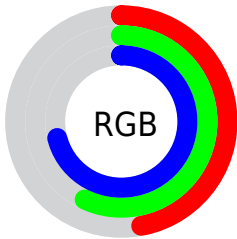
Format	Color
R_{YB}	120, 138, 181
Decimal	7901877
CIE _{Lab}	59.79, -0.58, -21.24
CIE _{LCh}	60, 21.248, 268.439
Yxy	27.8870, 0.2586, 0.2735
Android (android.graphics.Color)	4286091957 (0xFF7892B5)
YUV	142.2160, 19.1205, -19.4834
Hunter-Lab	52.8081, -3.2960, -16.5995

Details

The XYZ color **26.3651, 27.8870, 47.7092** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.1681, 34.6231, 22.6523**, and the grayscale version is **25.7316, 27.0716, 29.4810**.

A 20% lighter version of the original color is **53.3959, 56.4216, 88.1970**, and **10.5334, 11.1895, 22.0267** is the 20% darker color. If you saturate the color by 10%, you get **22.5594, 23.6561, 47.0936**, and if you desaturate by 10%, it is **30.7925, 32.6556, 48.3968**.

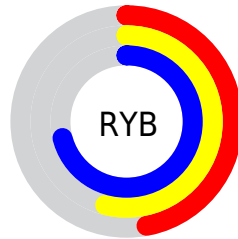
Distribution



Red (47%)

Green (57%)

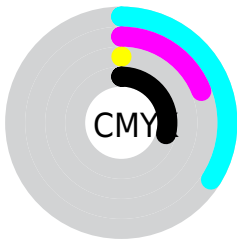
Blue (71%)



Red (47%)

Yellow (54%)

Blue (71%)

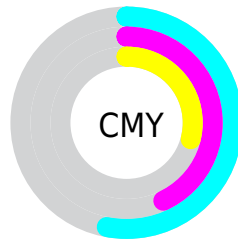


Cyan (34%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3651, 27.8870, 47.7092 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 26.3651, 27.8870, 47.7092 by changing the saturation by 10% instead.

■ 26.3651, 27.8870,
47.7092

■ 26.3651, 27.8870,
47.7092

276.7937,
291.9266, 394.1137

■ 17.2311, 18.2405,
33.2383

■ 53.2905, 56.3040,
88.1323

■ 10.4957, 11.1228,
22.0365

■ 71.8125, 75.8432,
114.9216

■ 5.7936, 6.1495,
13.6851

■ 94.1947, 99.4489,
146.6541

■ 2.7595, 2.9362,
7.7657

120.8022,
127.5053, 183.7484

■ 1.0279, 1.0985,
3.8598

152.0005,
160.3969, 226.6229

■ 0.0000, 0.0000,
1.5488

188.1550,

■ 0.0000, 0.0000,

198.5080, 275.6963

0.2539

229.6309,
242.2231, 331.3870

■ 0.0000, 0.0000,
0.0000

■ 26.3651, 27.8870,
47.7092

■ 26.3651, 27.8870,
47.7092

■ 22.5594, 23.6561,
47.0936

■ 30.7925, 32.6556,
48.3968

■ 19.3422, 19.9381,
46.5455

■ 35.8674, 37.9787,
49.1568

■ 16.6807, 16.7108,
46.0629

■ 41.6171, 43.8765,
49.9921

■ 14.5378, 13.9489,
45.6427

■ 48.0668, 50.3669,
50.9049

■ 12.8712, 11.6239,
45.2818

■ 55.2401, 57.4672,
51.8974

■ 11.6304, 9.7031,
44.9764

■ 63.1596, 65.1938,
52.9713

■ 11.0049, 8.6650,
44.8090

■ 71.8468, 73.5624,
54.1288

■ 77.6230, 80.6811,
55.1984

■ 80.5845, 86.6040,
56.1855

Harmonies

Analogous

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



23.8897, 27.8870, 44.8158



26.3651, 27.8870, 47.7092



29.0460, 27.8870, 45.3410

Triad

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



26.3651, 27.8870, 47.7092



31.3190, 27.8870, 23.8421



22.3383, 27.8870, 23.2521

Complementary

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



26.3651, 27.8870, 47.7092



34.1681, 34.6231, 22.6523

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.



24.1181, 27.8870, 19.1125



26.3651, 27.8870, 47.7092



29.3062, 27.8870, 19.4104

Square

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



26.3651, 27.8870, 47.7092



32.0196, 27.8870, 30.7695



26.6469, 27.8870, 17.8333



21.6643, 27.8870, 29.9624

Rectangle

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



26.3651, 27.8870, 47.7092



30.5673, 27.8870, 41.2897



26.6469, 27.8870, 17.8333



22.8209, 27.8870, 21.5590

Sweetspot

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



26.3660, 27.8881, 47.7098



67.7351, 71.6313, 88.5508



30.1504, 39.3935, 36.8353



14.3403, 15.1733, 19.0952



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.3660, 27.8881, 47.7098



42.3562, 44.5663, 84.6644



23.3796, 21.0601, 46.5493



8.3298, 8.8059, 10.7670



7.6524, 6.1052, 30.9121



0.2991, 0.3087, 0.9921

Inverse Universe

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



30.9616, 25.3329, 30.4531



51.9343, 39.8995, 48.5503



38.0309, 43.7437, 24.2091



8.6417, 8.5634, 9.6115



14.0972, 7.1565, 5.6720



0.4730, 0.2369, 0.3335

Previews

White Background



This preview shows how the XYZ color 26.3651, 27.8870, 47.7092 looks on a white background.

Color Contrast Check

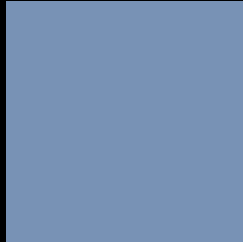
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3651, 27.8870, 47.7092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

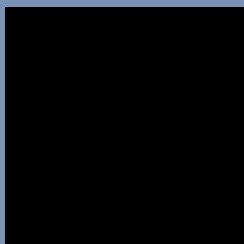
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

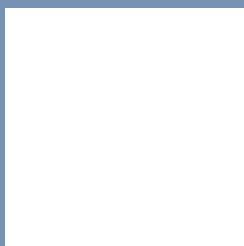
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3651, 27.8870, 47.7092

Background



This preview shows how black text looks on a background with the XYZ color 26.3651, 27.8870, 47.7092.



This preview shows how white text looks on a background with the XYZ color 26.3651, 27.8870,

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

26.3651, 27.8870, 47.7092

Protanopia

27.7006, 27.7113, 46.0083

Deuteranopia

28.4496, 27.8304, 48.1283



Tritanopia

24.2507, 27.7129, 37.7892

Trichromacy



Original Color

26.3651, 27.8870, 47.7092

Protanomaly

27.1651, 27.6454, 46.5522

Deuteranomaly

27.6260, 27.8476, 48.1750

Tritanomaly

24.9939, 27.7889, 41.0923

Monochromacy



Original Color

26.3651, 27.8870, 47.7092

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6547, 27.1136, 35.3338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3651, 27.8870, 47.7092 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(120, 146, 181)` looks like.

```
.text, #text, p{  
    color:rgb(120, 146, 181)  
}
```

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(120, 146, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 146, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.3651, 27.8870, 47.7092 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(120, 146, 181) }
```


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

```
.border{ border-color:rgb(120, 146, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 146, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 146, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 146, 181);  
box-shadow:4px 4px 4px 4px rgb(120, 146,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3651, 27.8870, 47.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 146, 181) }
```

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

```
.background{ background-color: rgb(120,  
146, 181) }
```

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