

Converting Colors

XYZ(26.7893, 29.3547, 49.3842)

Have a look what the booklet for
XYZ(26.7893, 29.3547, 49.3842)
contains.

XYZ(26.7886, 29.2387, 49.5791)	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(26.7886, 29.2387,
49.5791)**

Conversions

Conversions Part 1

Format	Color
Hex	7397B8
RGB	115, 151, 184
RGB Percent	45%, 59%, 72%
CMY	0.5490, 0.4078, 0.2784
CMYK	0.37, 0.18, 0.00, 0.28
HSL	209°, 33%, 59%
HSV	209°, 37%, 72%
XYZ	26.7886, 29.2387, 49.5791
YIQ	143.9980, -32.0490, 2.6310

Conversions

Conversions Part 2

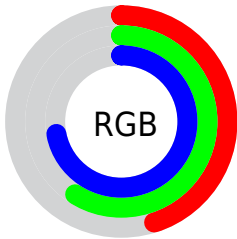
Format	Color
R_{YB}	115, 139, 184
Decimal	7575480
CIE _{Lab}	60.99, -4.04, -21.12
CIE _{LCh}	61, 21.504, 259.180
Yxy	29.2387, 0.2537, 0.2769
Android (android.graphics.Color)	4285765560 (0xFF7397B8)
YUV	143.9980, 19.7210, -25.4312
Hunter-Lab	54.0728, -6.1955, -16.5117

Details

The XYZ color **26.7886, 29.2387, 49.5791** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.4523, 32.6088, 20.7518**, and the grayscale version is **26.4416, 27.8186, 30.2945**.

A 20% lighter version of the original color is **53.9217, 58.3889, 90.8663**, and **10.7038, 11.8098, 23.1881** is the 20% darker color. If you saturate the color by 10%, you get **23.2426, 25.3867, 49.0230**, and if you desaturate by 10%, it is **30.9251, 33.5534, 50.1944**.

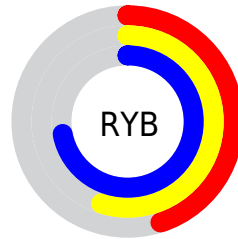
Distribution



Red (45%)

Green (59%)

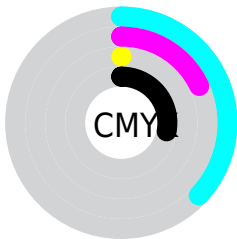
Blue (72%)



Red (45%)

Yellow (55%)

Blue (72%)

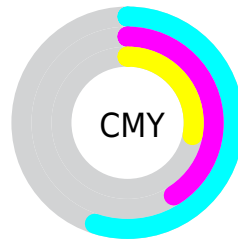


Cyan (37%)

Magenta (18%)

Yellow (0%)

Black (28%)



Cyan (55%)

Magenta (41%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7886, 29.2387, 49.5791 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 26.7886, 29.2387, 49.5791 by changing the saturation by 10% instead.

■ 26.7886, 29.2387,
49.5791

■ 26.7886, 29.2387,
49.5791

278.8183,
298.3395, 401.7055

■ 17.5503, 19.2615,
34.7102

■ 53.9667, 58.4561,
90.9408

■ 10.7253, 11.8594,
23.1580

■ 72.6373, 78.4651,
118.2707

■ 5.9484, 6.6480,
14.5038

■ 95.1826, 102.5868,
150.5915

■ 2.8541, 3.2429,
8.3292

121.9680,
131.2056, 188.3215

■ 1.0771, 1.2598,
4.2155

153.3590,
164.7058, 231.8793

■ 0.0058, 0.1098,
1.7443

189.7208,

■ 0.0000, 0.0000,

203.4720, 281.6836

0.3908

231.4188,
247.8884, 338.1528

■ 0.0000, 0.0000,
0.0000

■ 26.7886, 29.2387,
49.5791

■ 26.7886, 29.2387,
49.5791

■ 23.2426, 25.3867,
49.0230

■ 30.9251, 33.5534,
50.1944

■ 20.2532, 21.9745,
48.5219

■ 35.6781, 38.3454,
50.8689

■ 17.7868, 18.9821,
48.0743

■ 41.0752, 43.6330,
51.6050

■ 15.8051, 16.3858,
47.6777

■ 47.1415, 49.4321,
52.4046

■ 14.2632, 14.1589,
47.3291

■ 53.9007, 55.7580,
53.2694

■ 13.0961, 12.2638,
47.0248

■ 61.3752, 62.6251,
54.2009

■ 12.8348, 11.8267,
46.9542

■ 69.5865, 70.0475,
55.2008

■ 75.8546, 76.6463,
56.1441

■ 78.2449, 81.4270,
56.9409

Harmonies

Analogous

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



24.4065, 29.2387, 45.0386



26.7886, 29.2387, 49.5791



29.6034, 29.2387, 48.7990

Triad

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



26.7886, 29.2387, 49.5791



33.2116, 29.2387, 27.0187



23.8994, 29.2387, 22.7553

Complementary

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



26.7886, 29.2387, 49.5791



33.4523, 32.6088, 20.7518

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.



26.0532, 29.2387, 19.3447



26.7886, 29.2387, 49.5791



31.4737, 29.2387, 21.5042

Square

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



26.7886, 29.2387, 49.5791



33.4417, 29.2387, 34.8298



28.8171, 29.2387, 18.9290



22.8148, 29.2387, 29.0188

Rectangle

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



26.7886, 29.2387, 49.5791



31.3451, 29.2387, 45.3984



28.8171, 29.2387, 18.9290



24.5154, 29.2387, 21.2856

Sweetspot

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



26.7895, 29.2398, 49.5798



70.7146, 75.4567, 93.0422



29.4937, 40.0394, 33.8610



14.9596, 15.9881, 20.0192



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.



26.7895, 29.2398, 49.5798



43.1809, 47.1804, 89.0355



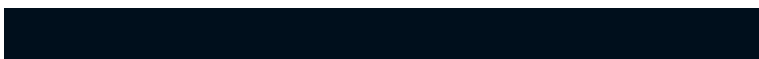
22.1192, 19.8992, 48.0230



8.8983, 9.4739, 11.4391



8.9168, 8.2933, 32.3839



0.3759, 0.4155, 1.1621

Inverse Universe

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



31.4846, 24.6872, 32.3849



53.1516, 38.5663, 52.2834



39.5289, 44.7619, 22.7773



9.1950, 9.0884, 10.3744



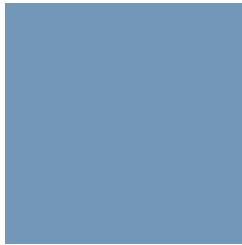
15.1145, 7.6195, 8.4896



0.5639, 0.2810, 0.4629

Previews

White Background



This preview shows how the XYZ color 26.7886, 29.2387, 49.5791 looks on a white background.

Color Contrast Check

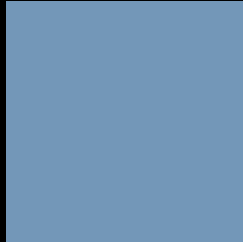
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7886, 29.2387, 49.5791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

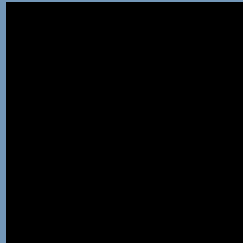
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7886, 29.2387, 49.5791

Background



This preview shows how black text looks on a background with the XYZ color 26.7886, 29.2387, 49.5791.

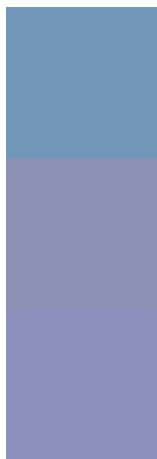


This preview shows how white text looks on a background with the XYZ color 26.7886, 29.2387,

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

26.7886, 29.2387, 49.5791

Protanopia

29.0111, 29.0351, 47.2553

Deuteranopia

29.8207, 29.1544, 50.5100



Tritanopia

24.9941, 29.2439, 40.4037

Trichromacy



Original Color

26.7886, 29.2387, 49.5791

Protanomaly

27.9801, 28.9495, 47.8292

Deuteranomaly

28.7064, 29.2758, 50.0367

Tritanomaly

25.6161, 29.2443, 43.8298

Monochromacy



Original Color

26.7886, 29.2387, 49.5791

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.3646, 28.3572, 36.8848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7886, 29.2387, 49.5791 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(115, 151, 184)` looks like.

```
.text, #text, p{  
    color:rgb(115, 151, 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(115, 151, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 151, 184) }
```

Border

The CSS property to change the border of an element to XYZ 26.7886, 29.2387, 49.5791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

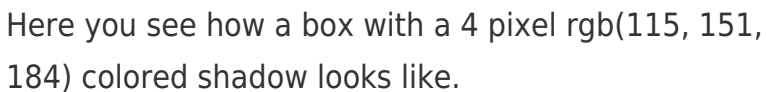
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 151, 184) }
```


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

```
.border{ border-color:rgb(115, 151, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 151, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 151, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 151, 184); box-shadow:4px 4px 4px 4px rgb(115, 151, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7886, 29.2387, 49.5791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 151, 184) }
```

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

```
.background{ background-color: rgb(115,  
151, 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