

Converting Colors

XYZ(22.0113, 26.2896, 46.2979)

Have a look what the booklet for
XYZ(22.0113, 26.2896, 46.2979)
contains.

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Color

**XYZ(22.1086, 26.4118,
46.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	4F95B3
RGB	79, 149, 179
RGB Percent	31%, 58%, 70%
CMY	0.6902, 0.4157, 0.2980
CMYK	0.56, 0.17, 0.00, 0.30
HSL	198°, 40%, 51%
HSV	198°, 56%, 70%
XYZ	22.1086, 26.4118, 46.5806
YIQ	131.4900, -51.3500, -5.5100

Conversions

Conversions Part 2

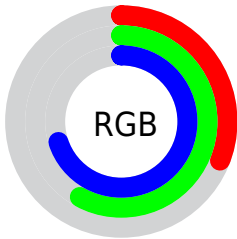
Format	Color
R _Y B	79, 120, 179
Decimal	5215667
CIE _{Lab}	58.43, -13.30, -22.38
CIE _{LCh}	58, 26.034, 239.273
Y _{xy}	26.4118, 0.2325, 0.2777
Android (android.graphics.Color)	4283405747 (0xFF4F95B3)
Y _{UV}	131.4900, 23.4224, -46.0337
Hunter-Lab	51.3924, -13.1475, -17.7641

Details

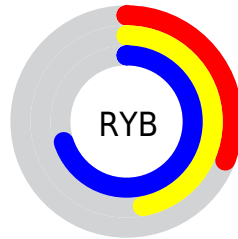
The XYZ color **22.1086, 26.4118, 46.5806** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **25.4712, 21.0866, 10.1258**, and the grayscale version is **21.6814, 22.8106, 24.8407**.

A 20% lighter version of the original color is **46.3430, 53.8609, 86.5509**, and **8.2087, 10.2804, 21.2903** is the 20% darker color. If you saturate the color by 10%, you get **19.9854, 24.0854, 46.2440**, and if you desaturate by 10%, it is **24.6736, 29.0252, 46.9503**.

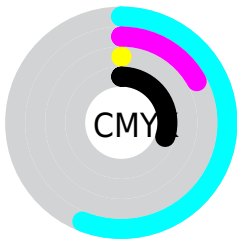
Distribution



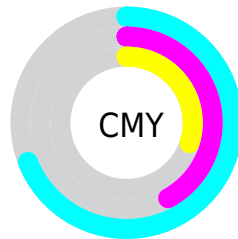
- Red (31%)
- Green (58%)
- Blue (70%)



- Red (31%)
- Yellow (47%)
- Blue (70%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)
- Black (30%)



- Cyan (69%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1086, 26.4118, 46.5806 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 22.1086, 26.4118, 46.5806 by changing the saturation by 10% instead.

■ 22.1086, 26.4118,
46.5806

■ 22.1086, 26.4118,
46.5806

255.7346,
284.7978, 389.4831

■ 14.0538, 17.1320,
32.3523

■ 46.4029, 53.9385,
86.4307

■ 8.2400, 10.3286,
21.3637

■ 63.3732, 72.9542,
112.8895

■ 4.3020, 5.6174,
13.1963

■ 84.0459, 95.9840,
144.2622

■ 1.8744, 2.6139,
7.4315

■ 108.7865,
123.4122, 180.9673

■ 0.5619, 0.9336,
3.6509

■ 137.9603,
155.6233, 223.4235

■ 0.0000, 0.0000,
1.4358

171.9327,

■ 0.0000, 0.0000,

193.0017, 272.0491

0.1694

211.0690,
235.9317, 327.2628

■ 0.0000, 0.0000,
0.0000

■ 22.1086, 26.4118,
46.5806

■ 22.1086, 26.4118,
46.5806

■ 19.9854, 24.0854,
46.2440

■ 24.6736, 29.0252,
46.9503

■ 18.2678, 22.0250,
45.9368

■ 27.7076, 31.9387,
47.3528

■ 16.9180, 20.2108,
45.6577

■ 31.2386, 35.1681,
47.7900

■ 15.8864, 18.6164,
45.4044

■ 35.2916, 38.7270,
48.2633

■ 15.5085, 17.9981,
45.3050

■ 39.8896, 42.6280,
48.7740

■ 45.0544, 46.8830,
49.3231

■ 50.8066, 51.5034,
49.9117

■ 57.1656, 56.4997,
50.5409

■ 64.1499, 61.8823,
51.2118

Harmonies

Analogous

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



20.1409, 26.4118, 38.1938



22.1086, 26.4118, 46.5806



25.0262, 26.4118, 50.0505

Triad

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



22.1086, 26.4118, 46.5806



31.7241, 26.4118, 28.9806



22.2322, 26.4118, 16.0325

Complementary

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



22.1086, 26.4118, 46.5806



25.4712, 21.0866, 10.1258

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.



25.1812, 26.4118, 14.5665



22.1086, 26.4118, 46.5806



30.8211, 26.4118, 21.0203

Square

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



22.1086, 26.4118, 46.5806



30.7323, 26.4118, 38.6603



28.3576, 26.4118, 16.1834



20.2079, 26.4118, 20.7098

Rectangle

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



22.1086, 26.4118, 46.5806



27.1754, 26.4118, 48.6465



28.3576, 26.4118, 16.1834



23.1399, 26.4118, 15.1978

Sweetspot

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



22.1095, 26.4128, 46.5812



62.1132, 68.4137, 86.3126



22.1057, 35.0073, 20.0611



13.4325, 14.8711, 19.0847



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.



22.1095, 26.4128, 46.5812



35.0335, 42.2580, 82.6913



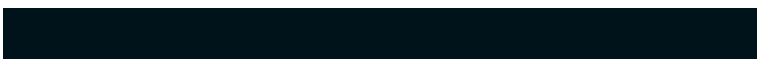
15.8239, 13.8417, 44.4861



8.5232, 9.1925, 10.8314



11.0179, 12.8361, 32.0339



0.3948, 0.5001, 1.0240

Inverse Universe

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



26.8120, 17.3466, 30.3697



44.7194, 25.9329, 48.7735



32.4006, 34.9453, 12.4356



8.7393, 8.6024, 10.1253



15.7960, 7.8359, 14.6174



0.5213, 0.2563, 0.5878

Previews

White Background



This preview shows how the XYZ color 22.1086, 26.4118, 46.5806 looks on a white background.

Color Contrast Check

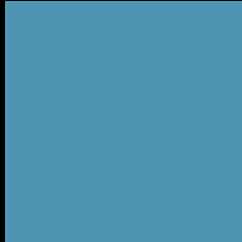
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1086, 26.4118, 46.5806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

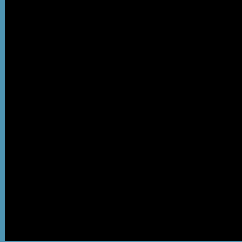
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.1086, 26.4118, 46.5806

Background



This preview shows how black text looks on a background with the XYZ color 22.1086, 26.4118, 46.5806.

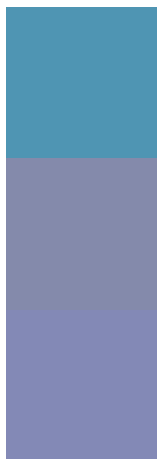


This preview shows how white text looks on a background with the XYZ color 22.1086, 26.4118,

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

22.1086, 26.4118, 46.5806

Protanopia

25.9549, 26.0228, 42.1830

Deuteranopia

26.7492, 26.0940, 47.8828



Tritanopia

20.6767, 26.5533, 39.1575

Trichromacy



Original Color

22.1086, 26.4118, 46.5806

Protanomaly

24.1230, 25.9127, 43.7746

Deuteranomaly

24.5475, 25.8307, 47.4081

Tritanomaly

21.1297, 26.4936, 41.5362

Monochromacy



Original Color

22.1086, 26.4118, 46.5806

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.1159, 23.7598, 31.4902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1086, 26.4118, 46.5806 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(79, 149, 179)` looks like.

```
.text, #text, p{  
    color:rgb(79, 149, 179)  
}
```

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(79, 149, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 149, 179) }
```

Border

The CSS property to change the border of an element to XYZ 22.1086, 26.4118, 46.5806 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(79, 149, 179) }
```


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

```
.border{ border-color:rgb(79, 149, 179) }
```

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

Here you see how a box with a 4 pixel rgb(79, 149, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 149, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 149, 179);  
box-shadow:4px 4px 4px 4px rgb(79, 149,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1086, 26.4118, 46.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 149, 179) }
```

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

```
.background{ background-color: rgb(79, 149,  
179) }
```

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](#).

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