

Converting Colors

XYZ(22.4944, 25.9444, 36.1019)

Have a look what the booklet for
XYZ(22.4944, 25.9444, 36.1019)
contains.

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Color

**XYZ(22.4813, 25.9076,
36.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	6C919E
RGB	108, 145, 158
RGB Percent	42%, 57%, 62%
CMY	0.5765, 0.4314, 0.3804
CMYK	0.32, 0.08, 0.00, 0.38
HSL	196°, 20%, 52%
HSV	196°, 32%, 62%
XYZ	22.4813, 25.9076, 36.1635
YIQ	135.4190, -26.2250, -3.8010

Conversions

Conversions Part 2

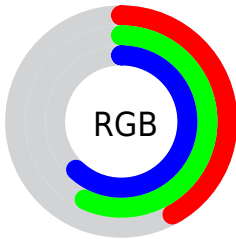
Format	Color
R_{YB}	108, 129, 158
Decimal	7115166
CIE _{Lab}	57.95, -9.53, -11.01
CIE _{LCh}	58, 14.559, 229.116
Yxy	25.9076, 0.2659, 0.3064
Android (android.graphics.Color)	4285305246 (0xFF6C919E)
YUV	135.4190, 11.1324, -24.0465
Hunter-Lab	50.8995, -10.2342, -6.4952

Details

The XYZ color **22.4813, 25.9076, 36.1635** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.6450, 22.0267, 17.1933**, and the grayscale version is **23.1523, 24.3580, 26.5259**.

A 20% lighter version of the original color is **47.1316, 53.2280, 70.7407**, and **8.4910, 10.1455, 15.4207** is the 20% darker color. If you saturate the color by 10%, you get **20.1149, 23.7733, 35.8767**, and if you desaturate by 10%, it is **25.2202, 28.2689, 36.4754**.

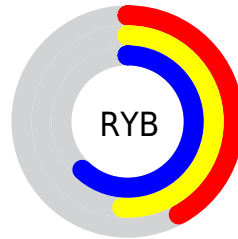
Distribution



Red (42%)

Green (57%)

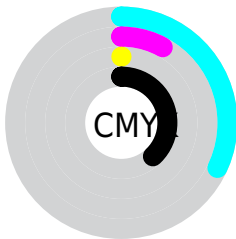
Blue (62%)



Red (42%)

Yellow (51%)

Blue (62%)

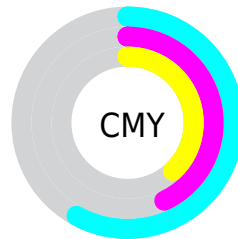


Cyan (32%)

Magenta (8%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (43%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4813, 25.9076, 36.1635 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 22.4813, 25.9076, 36.1635 by changing the saturation by 10% instead.

■ 22.4813, 25.9076,
36.1635

■ 22.4813, 25.9076,
36.1635

257.6349,
282.3282, 344.7336

■ 14.3296, 16.7545,
24.2698

■ 47.0132, 53.1258,
70.4562

■ 8.4335, 10.0596,
15.3198

■ 64.1240, 71.9598,
93.6923

■ 4.4277, 5.4385,
8.8950

■ 84.9519, 94.7895,
121.5464

■ 1.9468, 2.5068,
4.5769

■ 109.8622,
121.9994, 154.4368

■ 0.6038, 0.8800,
1.9469

139.2203,
153.9738, 192.7822

■ 0.0000, 0.0000,
0.5223

173.3916,

■ 0.0000, 0.0000,

191.0971, 237.0011

0.0000

212.7413,
233.7538, 287.5121

■ 22.4813, 25.9076,
36.1635

■ 22.4813, 25.9076,
36.1635

■ 20.1149, 23.7733,
35.8767

■ 25.2202, 28.2689,
36.4754

■ 18.0997, 21.8528,
35.6122

■ 28.3469, 30.8635,
36.8114

■ 16.4155, 20.1359,
35.3696

■ 31.8787, 33.7013,
37.1730

■ 15.0392, 18.6103,
35.1477

■ 35.8310, 36.7906,
37.5610

■ 13.9445, 17.2622,
34.9451

■ 40.2186, 40.1394,
37.9761

■ 13.1002, 16.0750,
34.7605

■ 45.0553, 43.7551,
38.4191

■ 12.5243, 15.1740,
34.6169

■ 50.3545, 47.6448,
38.8906

■ 56.1289, 51.8156,
39.3913

■ 62.3906, 56.2739,
39.9218

Harmonies

Analogous

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



21.5719, 25.9076, 31.4933



22.4813, 25.9076, 36.1635



23.9928, 25.9076, 38.8021

Triad

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



22.4813, 25.9076, 36.1635



28.0886, 25.9076, 30.0732



23.5359, 25.9076, 20.0283

Complementary

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



22.4813, 25.9076, 36.1635



23.6450, 22.0267, 17.1933

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.



25.2670, 25.9076, 19.7439



22.4813, 25.9076, 36.1635



27.9520, 25.9076, 25.1613

Square

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



22.4813, 25.9076, 36.1635



27.2644, 25.9076, 35.0183



26.8995, 25.9076, 21.5158



22.1605, 25.9076, 22.3450

Rectangle

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



22.4813, 25.9076, 36.1635



25.1628, 25.9076, 38.8662



26.8995, 25.9076, 21.5158



24.0937, 25.9076, 19.7031

Sweetspot

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



22.4821, 25.9086, 36.1641



52.9911, 57.2779, 67.0063



21.8323, 29.0106, 22.3783



11.7542, 12.7570, 15.0865



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.4821, 25.9086, 36.1641



37.7084, 44.2561, 65.2983



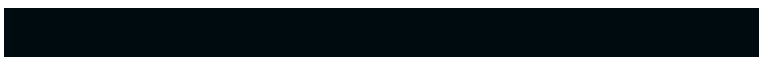
19.1332, 19.2109, 35.0478



6.6758, 7.2174, 8.4479



10.0636, 12.2187, 27.7353



0.2118, 0.2822, 0.5065

Inverse Universe

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



24.5746, 20.0392, 29.3620



42.2121, 32.2063, 50.5271



27.0098, 28.7563, 18.3149



6.8305, 6.7251, 7.9583



13.8778, 6.8557, 14.1396



0.2642, 0.1290, 0.3375

Previews

White Background



This preview shows how the XYZ color 22.4813, 25.9076, 36.1635 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 22.4813, 25.9076, 36.1635 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 22.4813, 25.9076, 36.1635

Background



This preview shows how black text looks on a background with the XYZ color 22.4813, 25.9076, 36.1635.



This preview shows how white text looks on a background with the XYZ color 22.4813, 25.9076,

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

22.4813, 25.9076, 36.1635

Protanopia

25.1548, 25.7952, 33.7902

Deuteranopia

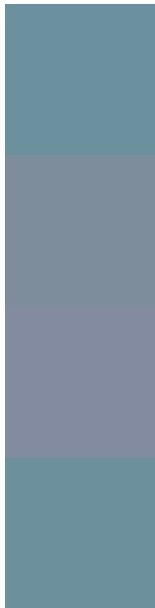
26.1645, 25.6168, 36.8232



Tritanopia

22.3955, 25.8733, 35.7120

Trichromacy



Original Color

22.4813, 25.9076, 36.1635

Protanomaly

24.0455, 25.8519, 34.7329

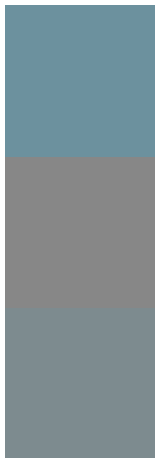
Deuteranomaly

24.6965, 25.7143, 36.4626

Tritanomaly

22.3955, 25.8733, 35.7120

Monochromacy



Original Color

22.4813, 25.9076, 36.1635

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6480, 24.8084, 29.5814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4813, 25.9076, 36.1635 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(108, 145, 158)` looks like.

```
.text, #text, p{  
    color:rgb(108, 145, 158)  
}
```

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(108, 145, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 145, 158) }
```

Border

The CSS property to change the border of an element to XYZ 22.4813, 25.9076, 36.1635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

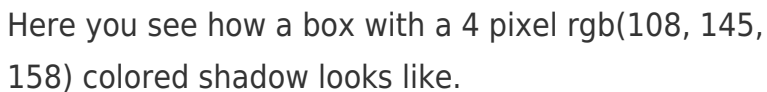
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 145, 158) }
```


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

```
.border{ border-color:rgb(108, 145, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 145, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 145, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 145, 158);  
box-shadow:4px 4px 4px 4px rgb(108, 145,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4813, 25.9076, 36.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 145, 158) }
```

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

```
.background{ background-color: rgb(108,  
145, 158) }
```

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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