

Converting Colors

XYZ(18.9473, 25.0679, 22.9088)

Have a look what the booklet for
XYZ(18.9473, 25.0679, 22.9088)
contains.

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Color

**XYZ(18.9473, 25.0679,
22.9088)**

Conversions

Conversions Part 1

Format	Color
Hex	5F947C
RGB	95, 148, 124
RGB Percent	37%, 58%, 49%
CMY	0.6274, 0.4196, 0.5137
CMYK	0.36, 0.00, 0.16, 0.42
HSL	153°, 22%, 48%
HSV	153°, 36%, 58%
XYZ	18.9473, 25.0679, 22.9088
YIQ	129.4170, -23.8840, -18.7000

Conversions

Conversions Part 2

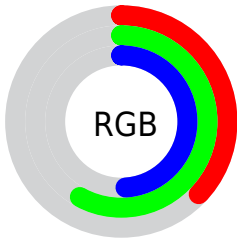
Format	Color
R_{YB}	95, 129, 148
Decimal	6263932
CIE _{Lab}	57.14, -23.18, 7.15
CIE _{LCh}	57, 24.260, 162.853
Yxy	25.0679, 0.2831, 0.3746
Android (android.graphics.Color)	4284454012 (0xFF5F947C)
YUV	129.4170, -2.6706, -30.1837
Hunter-Lab	50.0679, -20.0686, 7.9191

Details

The XYZ color **18.9473, 25.0679, 22.9088** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6355, 15.8128, 19.4709**, and the grayscale version is **21.0282, 22.1233, 24.0923**.

A 20% lighter version of the original color is **41.0890, 51.6184, 49.3927**, and **6.6269, 9.6153, 8.1633** is the 20% darker color. If you saturate the color by 10%, you get **17.1441, 24.1863, 20.6868**, and if you desaturate by 10%, it is **21.0728, 26.1136, 25.2973**.

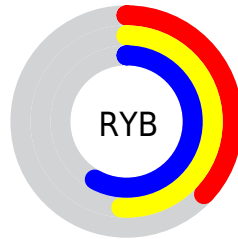
Distribution



Red (37%)

Green (58%)

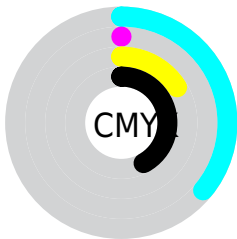
Blue (49%)



Red (37%)

Yellow (51%)

Blue (58%)

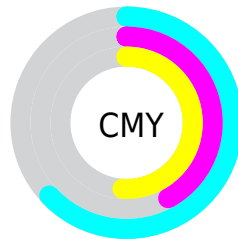


Cyan (36%)

Magenta (0%)

Yellow (16%)

Black (42%)



Cyan (63%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9473, 25.0679, 22.9088 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 18.9473, 25.0679, 22.9088 by changing the saturation by 10% instead.

■ 18.9473, 25.0679,
22.9088

■ 18.9473, 25.0679,
22.9088

239.1014,
278.1759, 280.3629

■ 11.7360, 16.1277,
14.3215

■ 41.1626, 51.7674,
49.1648

■ 6.6351, 9.6145,
8.2033

■ 56.8973, 70.2954,
67.6707

■ 3.2792, 5.1441,
4.1357

■ 76.2038, 92.7880,
90.3197

■ 1.3031, 2.3321,
1.7001

■ 99.4475, 119.6298,
117.5306

■ 0.1855, 0.7906,
0.3608

126.9938,
151.2051, 149.7218

■ 0.0000, 0.0000,
0.0000

159.2079,

187.8983, 187.3119

196.4553,
230.0938, 230.7195

■ 18.9473, 25.0679,
22.9088

■ 18.9473, 25.0679,
22.9088

■ 17.1441, 24.1863,
20.6868

■ 21.0728, 26.1136,
25.2973

■ 15.6440, 23.4571,
18.6260

■ 23.5343, 27.3286,
27.8544

■ 14.4289, 22.8715,
16.7228

■ 26.3474, 28.7213,
30.5840

■ 13.4776, 22.4188,
14.9733

■ 29.5259, 30.2988,
33.4895

■ 12.7660, 22.0867,
13.3729

■ 33.0828, 32.0679,
36.5743

■ 12.2599, 21.8575,
11.9168

■ 37.0306, 34.0348,
39.8414

■ 12.0748, 21.7745,
11.3472

■ 41.3812, 36.2057,
43.2940

■ 46.1459, 38.5863,
46.9351

■ 51.3355, 41.1822,
50.7676

Harmonies

Analogous

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



20.2777, 25.0679, 17.2984



18.9473, 25.0679, 22.9088



18.8559, 25.0679, 30.9511

Triad

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



18.9473, 25.0679, 22.9088



25.0710, 25.0679, 45.7136



28.0904, 25.0679, 17.9214

Complementary

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



18.9473, 25.0679, 22.9088



19.6355, 15.8128, 19.4709

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.



29.6013, 25.0679, 23.9382



18.9473, 25.0679, 22.9088



27.7665, 25.0679, 40.5485

Square

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



18.9473, 25.0679, 22.9088



22.2411, 25.0679, 45.2842



29.4782, 25.0679, 32.2074



25.4850, 25.0679, 14.8395

Rectangle

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



18.9473, 25.0679, 22.9088



19.4978, 25.0679, 36.7634



29.4782, 25.0679, 32.2074



28.7522, 25.0679, 19.6097

Sweetspot

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



18.9480, 25.0689, 22.9094



43.7238, 49.3065, 51.3188



20.3650, 25.9811, 14.7683



9.8456, 11.1885, 11.5825



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.9480, 25.0689, 22.9094



30.8271, 42.9561, 37.2424



20.3803, 25.2018, 31.8084



5.8544, 6.5183, 6.8440



10.3273, 18.6037, 9.7649



0.1413, 0.2337, 0.1979

Inverse Universe

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



19.6355, 15.8128, 19.4709



32.2268, 24.1320, 30.2570



18.5322, 15.6290, 12.8668



5.9034, 5.8564, 6.5977



11.3110, 5.7294, 5.1187



0.1530, 0.0759, 0.1392

Previews

White Background



This preview shows how the XYZ color 18.9473, 25.0679, 22.9088 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 18.9473, 25.0679, 22.9088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

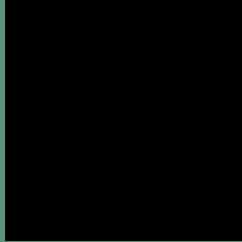
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.9473, 25.0679, 22.9088

Background



This preview shows how black text looks on a background with the XYZ color 18.9473, 25.0679, 22.9088.



This preview shows how white text looks on a background with the XYZ color 18.9473, 25.0679,

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

18.9473, 25.0679, 22.9088

Protanopia

23.4019, 24.7560, 20.6845

Deuteranopia

25.2189, 24.8071, 23.5378



Tritanopia

21.3691, 25.1379, 34.7362

Trichromacy



Original Color

18.9473, 25.0679, 22.9088

Protanomaly

21.3724, 24.5479, 21.3811

Deuteranomaly

22.3701, 24.5888, 23.3058

Tritanomaly

20.3050, 24.9171, 30.1248

Monochromacy



Original Color

18.9473, 25.0679, 22.9088

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.9710, 22.9225, 23.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9473, 25.0679, 22.9088 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(95, 148, 124)` looks like.

```
.text, #text, p{  
    color:rgb(95, 148, 124)  
}
```

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(95, 148, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 148, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.9473, 25.0679, 22.9088 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(95, 148, 124) }
```


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

```
.border{ border-color:rgb(95, 148, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 148, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 148, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 148, 124);  
box-shadow:4px 4px 4px 4px rgb(95, 148,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9473, 25.0679, 22.9088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 148, 124) }
```

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

```
.background{ background-color: rgb(95, 148,  
124) }
```

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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