

Converting Colors

XYZ(19.4601, 25.3582, 25.8317)

Have a look what the booklet for
XYZ(19.4601, 25.3582, 25.8317)
contains.

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Color

**XYZ(19.3709, 25.2254,
25.6778)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9484
RGB	94, 148, 132
RGB Percent	37%, 58%, 52%
CMY	0.6314, 0.4196, 0.4823
CMYK	0.36, 0.00, 0.11, 0.42
HSL	162°, 22%, 47%
HSV	162°, 36%, 58%
XYZ	19.3709, 25.2254, 25.6778
YIQ	130.0300, -27.0480, -16.4240

Conversions

Conversions Part 2

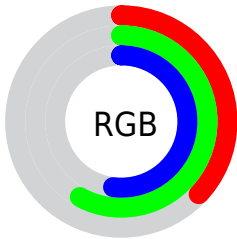
Format	Color
R_{YB}	94, 126, 148
Decimal	6198404
CIE _{Lab}	57.29, -21.68, 2.80
CIE _{LCh}	57, 21.861, 172.629
Yxy	25.2254, 0.2756, 0.3590
Android (android.graphics.Color)	4284388484 (0xFF5E9484)
YUV	130.0300, 0.9712, -31.5983
Hunter-Lab	50.2249, -19.0491, 4.8450

Details

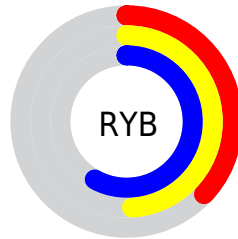
The XYZ color **19.3709, 25.2254, 25.6778** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0309, 15.4279, 16.7279**, and the grayscale version is **21.2328, 22.3386, 24.3267**.

A 20% lighter version of the original color is **41.7315, 51.8548, 53.7084**, and **6.8747, 9.7094, 9.6954** is the 20% darker color. If you saturate the color by 10%, you get **17.7026, 24.4000, 24.0662**, and if you desaturate by 10%, it is **21.3442, 26.2079, 27.3706**.

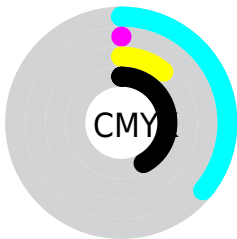
Distribution



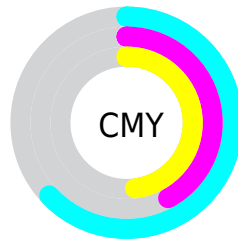
- Red (37%)
- Green (58%)
- Blue (52%)



- Red (37%)
- Yellow (49%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3709, 25.2254, 25.6778 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 19.3709, 25.2254, 25.6778 by changing the saturation by 10% instead.

■ 19.3709, 25.2254,
25.6778

■ 19.3709, 25.2254,
25.6778

241.3878,
278.9586, 294.7518

■ 12.0442, 16.2451,
16.3592

■ 41.8719, 52.0227,
53.7324

■ 6.8462, 9.6977,
9.6216

■ 57.7770, 70.6084,
73.3054

■ 3.4116, 5.1990,
5.0465

■ 77.2722, 93.1646,
97.1336

■ 1.3750, 2.3645,
2.2153

■ 100.7228,
120.0759, 125.6356

■ 0.2383, 0.8075,
0.6832

128.4944,
151.7265, 159.2299

■ 0.0000, 0.0000,
0.0000

160.9522,

188.5009, 198.3350

198.4615,
230.7835, 243.3694

■ 19.3709, 25.2254,
25.6778

■ 19.3709, 25.2254,
25.6778

■ 17.7026, 24.4000,
24.0662

■ 21.3442, 26.2079,
27.3706

■ 16.3205, 23.7200,
22.5326

■ 23.6361, 27.3525,
29.1444

■ 15.2066, 23.1768,
21.0758

■ 26.2615, 28.6676,
31.0013

■ 14.3402, 22.7599,
19.6940

■ 29.2340, 30.1601,
32.9426

■ 13.6973, 22.4567,
18.3853

■ 32.5665, 31.8366,
34.9697

■ 13.2407, 22.2483,
17.1470

■ 36.2709, 33.7034,
37.0839

■ 13.0964, 22.1831,
16.7271

■ 40.3590, 35.7663,
39.2864

■ 44.8416, 38.0311,
41.5785

■ 49.7294, 40.5032,
43.9614

Harmonies

Analogous

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



20.2340, 25.2254, 19.6909



19.3709, 25.2254, 25.6778



19.6691, 25.2254, 33.3240

Triad

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



19.3709, 25.2254, 25.6778



25.9425, 25.2254, 42.8358



27.1257, 25.2254, 17.6239

Complementary

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



19.3709, 25.2254, 25.6778



19.0309, 15.4279, 16.7279

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.



28.8697, 25.2254, 22.3385



19.3709, 25.2254, 25.6778



28.1530, 25.2254, 37.0584

Square

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



19.3709, 25.2254, 25.6778



23.3431, 25.2254, 44.1667



29.2586, 25.2254, 29.3357



24.6202, 25.2254, 15.6162

Rectangle

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



19.3709, 25.2254, 25.6778



20.4973, 25.2254, 38.2952



29.2586, 25.2254, 29.3357



27.8276, 25.2254, 18.8992

Sweetspot

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



19.3716, 25.2264, 25.6784



44.0676, 49.4440, 53.1289



19.0665, 25.3168, 14.4720



9.9320, 11.2230, 12.0376



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.



19.3716, 25.2264, 25.6784



31.6726, 43.2675, 42.9099



18.9364, 22.4670, 31.3566



5.8916, 6.5332, 7.0402



11.1983, 18.9521, 14.3518



0.1500, 0.2372, 0.2440

Inverse Universe

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



19.0309, 15.4279, 16.7279



30.9842, 23.3120, 24.7092



19.2652, 17.1673, 12.8885



5.8673, 5.8420, 6.4074



10.8285, 5.5364, 2.5778



0.1442, 0.0724, 0.0932

Previews

White Background



This preview shows how the XYZ color 19.3709, 25.2254, 25.6778 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 19.3709, 25.2254, 25.6778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

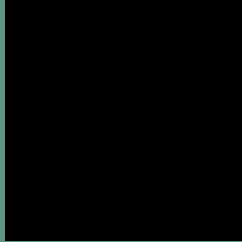
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3709, 25.2254, 25.6778

Background



This preview shows how black text looks on a background with the XYZ color 19.3709, 25.2254, 25.6778.

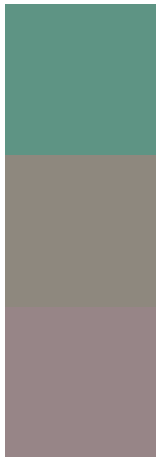


This preview shows how white text looks on a background with the XYZ color 19.3709, 25.2254,

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

19.3709, 25.2254, 25.6778

Protanopia

23.7254, 24.8655, 23.2877

Deuteranopia

25.5232, 25.1036, 26.4219



Tritanopia

21.3817, 25.3604, 35.2206

Trichromacy



Original Color

19.3709, 25.2254, 25.6778

Protanomaly

21.7318, 24.6747, 24.0394

Deuteranomaly

22.5975, 24.6440, 26.1200

Tritanomaly

20.5823, 25.2610, 31.3948

Monochromacy



Original Color

19.3709, 25.2254, 25.6778

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.3785, 23.3119, 24.8983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3709, 25.2254, 25.6778 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(94, 148, 132) looks like.

```
.text, #text, p{  
    color:rgb(94, 148, 132)  
}
```

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(94, 148, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 148, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.3709, 25.2254, 25.6778 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(94, 148, 132) }
```


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

```
.border{ border-color:rgb(94, 148, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 148, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 148, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 148, 132);  
box-shadow:4px 4px 4px 4px rgb(94, 148,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3709, 25.2254, 25.6778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 148, 132) }
```

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

```
.background{ background-color: rgb(94, 148,  
132) }
```

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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