

Converting Colors

XYZ(18.9584, 25.2226, 26.7909)

Have a look what the booklet for
XYZ(18.9584, 25.2226, 26.7909)
contains.

XYZ(18.9584, 25.2226, 26.7909)	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(18.9584, 25.2226,
26.7909)**

Conversions

Conversions Part 1

Format	Color
Hex	569587
RGB	86, 149, 135
RGB Percent	34%, 58%, 53%
CMY	0.6627, 0.4157, 0.4706
CMYK	0.42, 0.00, 0.09, 0.42
HSL	167°, 27%, 46%
HSV	167°, 42%, 58%
XYZ	18.9584, 25.2226, 26.7909
YIQ	128.5670, -33.0540, -17.7100

Conversions

Conversions Part 2

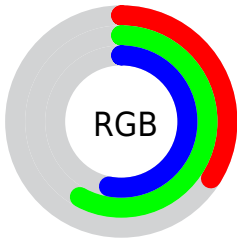
Format	Color
RYB	86, 121, 149
Decimal	5674375
CIELab	57.29, -23.77, 1.04
CIELCh	57, 23.795, 177.496
Yxy	25.2226, 0.2671, 0.3554
Android (android.graphics.Color)	4283864455 (0xFF569587)
YUV	128.5670, 3.1715, -37.3313
Hunter-Lab	50.2221, -20.5065, 3.5273

Details

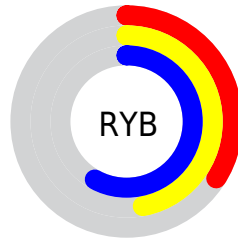
The XYZ color **18.9584, 25.2226, 26.7909** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0234, 13.9660, 13.8034**, and the grayscale version is **20.7131, 21.7918, 23.7313**.

A 20% lighter version of the original color is **41.0805, 51.8317, 55.4163**, and **6.6346, 9.7146, 10.1198** is the 20% darker color. If you saturate the color by 10%, you get **17.4976, 24.4967, 25.5247**, and if you desaturate by 10%, it is **20.7140, 26.1009, 28.1098**.

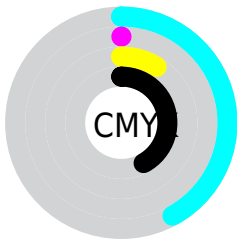
Distribution



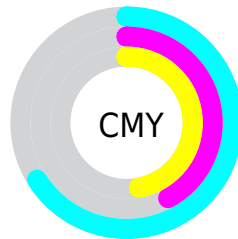
- Red (34%)
- Green (58%)
- Blue (53%)



- Red (34%)
- Yellow (47%)
- Blue (58%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (42%)



- Cyan (66%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9584, 25.2226, 26.7909 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 18.9584, 25.2226, 26.7909 by changing the saturation by 10% instead.

■ 18.9584, 25.2226,
26.7909

■ 18.9584, 25.2226,
26.7909

239.1615,
278.9447, 300.3713

■ 11.7441, 16.2430,
17.1852

■ 41.1812, 52.0181,
55.5478

■ 6.6406, 9.6963,
10.2033

■ 56.9204, 70.6028,
75.5361

■ 3.2827, 5.1980,
5.4266

■ 76.2319, 93.1580,
99.8223

■ 1.3050, 2.3639,
2.4366

■ 99.4810, 120.0680,
128.8250

■ 0.1869, 0.8072,
0.8063

127.0332,
151.7173, 162.9627

■ 0.0000, 0.0000,
0.0000

159.2538,

188.4902, 202.6540

196.5081,
230.7712, 248.3173

■ 18.9584, 25.2226,
26.7909

■ 18.9584, 25.2226,
26.7909

■ 17.4976, 24.4967,
25.5247

■ 20.7140, 26.1009,
28.1098

■ 16.3113, 23.9108,
24.3083

■ 22.7785, 27.1370,
29.4809

■ 15.3803, 23.4558,
23.1411


■ 25.1679, 28.3397,
30.9057


■ 14.6819, 23.1198,
22.0216


■ 27.8965, 29.7164,
32.3853


■ 14.1891, 22.8889,
20.9482


■ 30.9775, 31.2739,
33.9205

 13.8937, 22.7541,
20.1484

 34.4234, 33.0188,
35.5122

 38.2464, 34.9570,
37.1615

 42.4579, 37.0947,
38.8690

 47.0687, 39.4373,
40.6357

Harmonies

Analogous

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



19.6888, 25.2226, 19.9415



18.9584, 25.2226, 26.7909



19.4820, 25.2226, 35.2666

Triad

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



18.9584, 25.2226, 26.7909



26.5623, 25.2226, 43.6516



27.0037, 25.2226, 16.3469

Complementary

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



18.9584, 25.2226, 26.7909



18.0234, 13.9660, 13.8034

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.



29.1068, 25.2226, 20.9050



18.9584, 25.2226, 26.7909



28.8382, 25.2226, 36.6718

Square

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



18.9584, 25.2226, 26.7909



23.7374, 25.2226, 46.0612



29.8027, 25.2226, 28.1465



24.2108, 25.2226, 14.6967

Rectangle

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



18.9584, 25.2226, 26.7909



20.4964, 25.2226, 40.5620



29.8027, 25.2226, 28.1465



27.8228, 25.2226, 17.5399

Sweetspot

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



18.9591, 25.2236, 26.7915



44.6238, 50.5256, 55.0910



17.7613, 24.9172, 12.6780



9.6888, 11.0962, 12.0929



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.



18.9591, 25.2236, 26.7915



31.3931, 43.8976, 45.7645



17.5418, 20.7061, 31.5070



5.9095, 6.5404, 7.1344



11.7044, 19.1546, 17.0169



0.1542, 0.2388, 0.2658

Inverse Universe

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



18.0234, 13.9660, 13.8034



29.4923, 20.9031, 19.2879



18.9054, 16.7230, 11.0361



5.8505, 5.8352, 6.3186



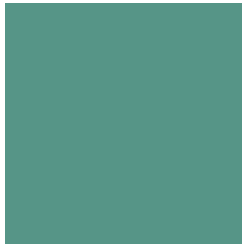
10.6738, 5.4746, 1.7632



0.1401, 0.0708, 0.0714

Previews

White Background



This preview shows how the XYZ color 18.9584, 25.2226, 26.7909 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 18.9584, 25.2226, 26.7909 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 18.9584, 25.2226, 26.7909

Background



This preview shows how black text looks on a background with the XYZ color 18.9584, 25.2226, 26.7909.



This preview shows how white text looks on a background with the XYZ color 18.9584, 25.2226,

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

18.9584, 25.2226, 26.7909

Protanopia

23.6849, 24.8296, 23.9663

Deuteranopia

25.3694, 24.9996, 27.5330



Tritanopia

20.7783, 25.2674, 35.6803

Trichromacy



Original Color

18.9584, 25.2226, 26.7909

Protanomaly

21.5068, 24.7534, 25.1171

Deuteranomaly

22.3522, 24.7070, 27.2578

Tritanomaly

20.0750, 25.2110, 32.2419

Monochromacy



Original Color

18.9584, 25.2226, 26.7909

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.7109, 22.7577, 24.8265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9584, 25.2226, 26.7909 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(86, 149, 135) looks like.

```
.text, #text, p{  
    color:rgb(86, 149, 135)  
}
```

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(86, 149, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 149, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.9584, 25.2226, 26.7909 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(86, 149, 135) }
```


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

```
.border{ border-color:rgb(86, 149, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 149, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 149, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 149, 135);  
box-shadow:4px 4px 4px 4px rgb(86, 149,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9584, 25.2226, 26.7909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 149, 135) }
```

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

```
.background{ background-color: rgb(86, 149,  
135) }
```

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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