

Converting Colors

XYZ(18.3464, 24.1311, 26.2991)

Have a look what the booklet for
XYZ(18.3464, 24.1311, 26.2991)
contains.

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Color

**XYZ(18.4197, 24.2574,
26.2656)**

Conversions

Conversions Part 1

Format	Color
Hex	569286
RGB	86, 146, 134
RGB Percent	34%, 57%, 53%
CMY	0.6627, 0.4274, 0.4745
CMYK	0.41, 0.00, 0.08, 0.43
HSL	168°, 26%, 45%
HSV	168°, 41%, 57%
XYZ	18.4197, 24.2574, 26.2656
YIQ	126.6920, -31.9080, -16.4520

Conversions

Conversions Part 2

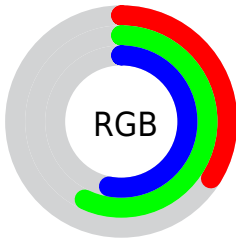
Format	Color
R_{YB}	86, 119, 146
Decimal	5673606
CIE _{Lab}	56.34, -22.48, 0.23
CIE _{LCh}	56, 22.485, 179.411
Yxy	24.2574, 0.2672, 0.3518
Android (android.graphics.Color)	4283863686 (0xFF569286)
YUV	126.6920, 3.6028, -35.6869
Hunter-Lab	49.2518, -19.4334, 2.8574

Details

The XYZ color **18.4197, 24.2574, 26.2656** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.3873, 13.6491, 13.2743**, and the grayscale version is **20.0636, 21.1085, 22.9872**.

A 20% lighter version of the original color is **40.2714, 50.3854, 54.6165**, and **6.3521, 9.1646, 9.8217** is the 20% darker color. If you saturate the color by 10%, you get **17.0096, 23.5543, 25.1514**, and if you desaturate by 10%, it is **20.1114, 25.1063, 27.4234**.

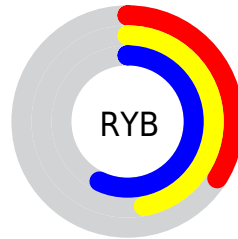
Distribution



Red (34%)

Green (57%)

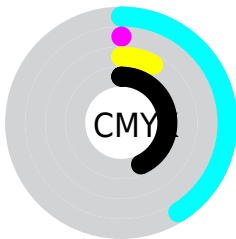
Blue (53%)



Red (34%)

Yellow (47%)

Blue (57%)

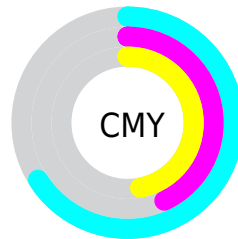


Cyan (41%)

Magenta (0%)

Yellow (8%)

Black (43%)



Cyan (66%)

Magenta (43%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4197, 24.2574, 26.2656 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 18.4197, 24.2574, 26.2656 by changing the saturation by 10% instead.

■ 18.4197, 24.2574,
26.2656

■ 18.4197, 24.2574,
26.2656

236.2263,
274.1192, 297.7303

■ 11.3532, 15.5247,
16.7949

■ 40.2757, 50.4499,
54.6924

■ 6.3740, 9.1884,
9.9280

■ 55.7959, 68.6785,
74.4857

■ 3.1166, 4.8643,
5.2462

■ 74.8648, 90.8411,
98.5568

■ 1.2157, 2.1679,
2.3312

■ 97.8477, 117.3222,
127.3244

■ 0.1187, 0.7024,
0.7486

■ 125.1099,
148.5062, 161.2071

■ 0.0000, 0.0000,
0.0000

157.0169,

184.7774, 200.6232

193.9339,
226.5203, 245.9915

■ 18.4197, 24.2574,
26.2656

■ 18.4197, 24.2574,
26.2656

■ 17.0096, 23.5543,
25.1514

■ 20.1114, 25.1063,
27.4234

■ 15.8622, 22.9853,
24.0781

■ 22.0982, 26.1060,
28.6241

■ 14.9594, 22.5419,
23.0451


■ 24.3949, 27.2648,
29.8692


■ 14.2800, 22.2129,
22.0513


■ 27.0151, 28.5897,
31.1594


■ 13.7991, 21.9857,
21.0951


■ 29.9712, 30.0871,
32.4956

 13.4784, 21.8382,
20.2725

 33.2752, 31.7632,
33.8787

 36.9384, 33.6238,
35.3092

 40.9716, 35.6744,
36.7880

 45.3850, 37.9204,
38.3157

Harmonies

Analogous

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



19.0235, 24.2574, 19.7899



18.4197, 24.2574, 26.2656



18.9785, 24.2574, 34.0657

Triad

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



18.4197, 24.2574, 26.2656



25.5929, 24.2574, 40.9112



25.6882, 24.2574, 15.9256

Complementary

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



18.4197, 24.2574, 26.2656



17.3873, 13.6491, 13.2743

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.



27.6792, 24.2574, 20.0005



18.4197, 24.2574, 26.2656



27.6213, 24.2574, 34.3680

Square

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



18.4197, 24.2574, 26.2656



23.0047, 24.2574, 43.4244



28.4113, 24.2574, 26.5593



23.1072, 24.2574, 14.5492

Rectangle

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



18.4197, 24.2574, 26.2656



19.9608, 24.2574, 38.8118



28.4113, 24.2574, 26.5593



26.4555, 24.2574, 16.9824

Sweetspot

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



18.4204, 24.2584, 26.2662



42.5404, 47.8472, 52.4346



17.1049, 23.8833, 12.5130



9.3584, 10.5910, 11.6094



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.4204, 24.2584, 26.2662



30.2571, 41.6760, 44.5817



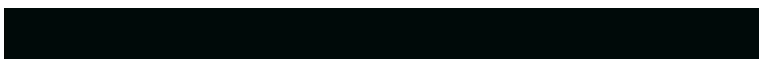
16.8770, 19.7551, 30.1188



5.9149, 6.5426, 7.1628



11.8685, 19.2202, 17.8810



0.1554, 0.2393, 0.2723

Inverse Universe

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



17.3873, 13.6491, 13.2743



28.1955, 20.4212, 18.5944



18.3848, 16.4841, 11.0173



5.8454, 5.8332, 6.2921



10.6358, 5.4594, 1.5634



0.1389, 0.0703, 0.0648

Previews

White Background



This preview shows how the XYZ color 18.4197, 24.2574, 26.2656 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 18.4197, 24.2574, 26.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

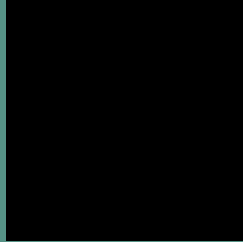
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.4197, 24.2574, 26.2656

Background



This preview shows how black text looks on a background with the XYZ color 18.4197, 24.2574, 26.2656.



This preview shows how white text looks on a background with the XYZ color 18.4197, 24.2574,

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

18.4197, 24.2574, 26.2656

Protanopia

23.0033, 24.0715, 23.5125

Deuteranopia

24.3520, 23.8824, 26.9932



Tritanopia

20.0532, 24.2356, 34.6314

Trichromacy



Original Color

18.4197, 24.2574, 26.2656

Protanomaly

20.8635, 23.7817, 24.6098

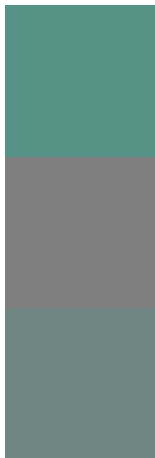
Deuteranomaly

21.5603, 23.6710, 26.7252

Tritanomaly

19.3595, 24.1769, 31.2500

Monochromacy



Original Color

18.4197, 24.2574, 26.2656

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.2365, 22.1066, 24.3722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4197, 24.2574, 26.2656 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, 146, 134)` looks like.

```
.text, #text, p{  
    color:rgb(86, 146, 134)  
}
```

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, 146, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 146, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.4197, 24.2574, 26.2656 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, 146, 134) }
```


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

```
.border{ border-color:rgb(86, 146, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 146, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 146, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 146, 134);  
box-shadow:4px 4px 4px 4px rgb(86, 146,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4197, 24.2574, 26.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 146, 134) }
```

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

```
.background{ background-color: rgb(86, 146,  
134) }
```

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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