

Converting Colors

XYZ(18.7425, 25.5529, 17.4696)

Have a look what the booklet for
XYZ(18.7425, 25.5529, 17.4696)
contains.

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Color

**XYZ(18.7634, 25.5626,
17.5808)**

Conversions

Conversions Part 1

Format	Color
Hex	64966A
RGB	100, 150, 106
RGB Percent	39%, 59%, 42%
CMY	0.6078, 0.4118, 0.5843
CMYK	0.33, 0.00, 0.29, 0.41
HSL	127°, 20%, 49%
HSV	127°, 33%, 59%
XYZ	18.7634, 25.5626, 17.5808
YIQ	130.0340, -15.6760, -24.2840

Conversions

Conversions Part 2

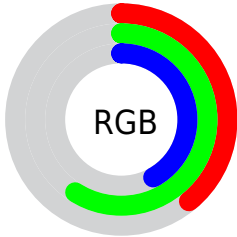
Format	Color
R_{YB}	100, 145, 150
Decimal	6592106
CIE _{Lab}	57.62, -26.19, 18.02
CIE _{LCh}	58, 31.793, 145.466
Yxy	25.5626, 0.3031, 0.4129
Android (android.graphics.Color)	4284782186 (0xFF64966A)
YUV	130.0340, -11.8488, -26.3398
Hunter-Lab	50.5595, -22.2350, 14.7750

Details

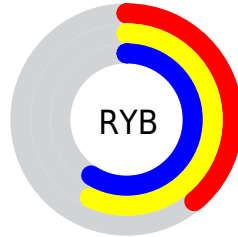
The XYZ color **18.7634, 25.5626, 17.5808** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.1697, 17.6126, 28.6177**, and the grayscale version is **21.2752, 22.3832, 24.3753**.

A 20% lighter version of the original color is **40.7133, 52.3298, 40.3026**, and **6.5410, 9.9073, 5.5705** is the 20% darker color. If you saturate the color by 10%, you get **16.6202, 24.5318, 14.1689**, and if you desaturate by 10%, it is **21.3191, 26.7953, 21.5647**.

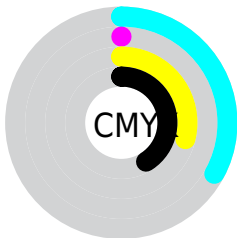
Distribution



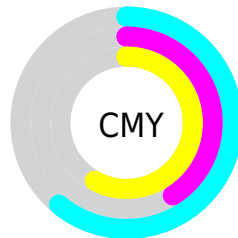
- Red (39%)
- Green (59%)
- Blue (42%)



- Red (39%)
- Yellow (57%)
- Blue (59%)



- Cyan (33%)
- Magenta (0%)
- Yellow (29%)
- Black (41%)



- Cyan (61%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7634, 25.5626, 17.5808 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 18.7634, 25.5626, 17.5808 by changing the saturation by 10% instead.

■ 18.7634, 25.5626,
17.5808

■ 18.7634, 25.5626,
17.5808

238.1027,
280.6283, 250.6538

■ 11.6024, 16.4967,
10.4831

■ 40.8539, 52.5685,
40.1260

■ 6.5438, 9.8763,
5.6107

■ 56.5141, 71.2772,
56.4105

■ 3.2223, 5.3170,
2.5449

■ 75.7381, 93.9691,
76.5945

■ 1.2724, 2.4344,
0.8638

■ 98.8913, 121.0284,
101.0963

■ 0.1624, 0.8435,
0.0000

126.3390,
152.8396, 130.3346

■ 0.0000, 0.0000,
0.0000

158.4466,

189.7870, 164.7280

195.5794,
232.2551, 204.6948

■ 18.7634, 25.5626,
17.5808

■ 18.7634, 25.5626,
17.5808

■ 16.6202, 24.5318,
14.1689

■ 21.3191, 26.7953,
21.5647

■ 14.8659, 23.6891,
11.3013

■ 24.3054, 28.2366,
26.1434

■ 13.4776, 23.0240,
8.9501


■ 27.7416, 29.8965,
31.3406


■ 12.4291, 22.5237,
7.0848


■ 31.6454, 31.7838,
37.1780


■ 11.6907, 22.1735,
5.6713

■ 36.0332, 33.9066,
43.6765


 11.2275, 21.9564,
4.6711

 40.9211, 36.2725,
50.8558

 11.0160, 21.8573,
4.2106

 46.3241, 38.8891,
58.7349

 52.2567, 41.7633,
67.3322

 58.7328, 44.9020,
76.6651

Harmonies

Analogous

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



21.2898, 25.5626, 12.8990



18.7634, 25.5626, 17.5808



17.7195, 25.5626, 26.2126

Triad

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



18.7634, 25.5626, 17.5808



23.7238, 25.5626, 54.3216



31.5041, 25.5626, 19.7743

Complementary

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



18.7634, 25.5626, 17.5808



22.1697, 17.6126, 28.6177

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.



32.3277, 25.5626, 29.5196



18.7634, 25.5626, 17.5808



27.5737, 25.5626, 51.3078

Square

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



18.7634, 25.5626, 17.5808



20.3873, 25.5626, 48.8621



30.8226, 25.5626, 41.4529



28.6760, 25.5626, 13.9146

Rectangle

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



18.7634, 25.5626, 17.5808



17.9159, 25.5626, 33.7914



30.8226, 25.5626, 41.4529



32.0363, 25.5626, 22.6203

Sweetspot

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



18.7641, 25.5637, 17.5814



44.7071, 50.7058, 48.8931



24.7383, 28.6783, 16.2885



9.7433, 11.1577, 10.5859



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.



18.7641, 25.5637, 17.5814



30.2260, 43.7224, 26.4439



20.2481, 26.1573, 25.3960



5.7562, 6.4791, 6.3272



9.1430, 18.1300, 3.5286



0.1174, 0.2241, 0.0722

Inverse Universe

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



22.1697, 17.6126, 28.6177



37.1785, 27.4799, 48.9659



20.4754, 16.9348, 19.6954



6.0057, 5.8973, 7.1360



13.8936, 6.7625, 18.7187



0.1769, 0.0855, 0.2649

Previews

White Background



This preview shows how the XYZ color 18.7634, 25.5626, 17.5808 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 18.7634, 25.5626, 17.5808 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 18.7634, 25.5626, 17.5808

Background



This preview shows how black text looks on a background with the XYZ color 18.7634, 25.5626, 17.5808.



This preview shows how white text looks on a background with the XYZ color 18.7634, 25.5626,

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

18.7634, 25.5626, 17.5808

Protanopia

23.6502, 25.4124, 15.9705

Deuteranopia

25.7637, 25.2054, 18.2591



Tritanopia

22.1963, 25.5643, 34.7749

Trichromacy



Original Color

18.7634, 25.5626, 17.5808

Protanomaly

21.4813, 25.1506, 16.5543

Deuteranomaly

22.6404, 25.0583, 18.1115

Tritanomaly

20.7381, 25.4281, 27.4820

Monochromacy



Original Color

18.7634, 25.5626, 17.5808

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.0046, 23.1937, 21.5116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7634, 25.5626, 17.5808 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(100, 150, 106)` looks like.

```
.text, #text, p{  
    color:rgb(100, 150, 106)  
}
```

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(100, 150, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 150, 106) }
```

Border

The CSS property to change the border of an element to XYZ 18.7634, 25.5626, 17.5808 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(100, 150, 106) }
```


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

```
.border{ border-color:rgb(100, 150, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 150, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 150, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 150, 106);  
box-shadow:4px 4px 4px 4px rgb(100, 150,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7634, 25.5626, 17.5808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 150, 106) }
```

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

```
.background{ background-color: rgb(100,  
150, 106) }
```

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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