

Converting Colors

XYZ(18.0839, 18.7669, 24.2664)

Have a look what the booklet for
XYZ(18.0839, 18.7669, 24.2664)
contains.

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Color

**XYZ(18.1493, 18.8535,
24.1553)**

Conversions

Conversions Part 1

Format	Color
Hex	757883
RGB	117, 120, 131
RGB Percent	46%, 47%, 51%
CMY	0.5412, 0.5294, 0.4863
CMYK	0.11, 0.08, 0.00, 0.49
HSL	227°, 6%, 49%
HSV	227°, 11%, 51%
XYZ	18.1493, 18.8535, 24.1553
YIQ	120.3570, -5.3190, 2.7850

Conversions

Conversions Part 2

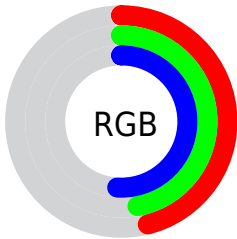
Format	Color
R_{YB}	117, 119, 131
Decimal	7698563
CIE Lab	50.52, 1.22, -6.39
CIE LCh	51, 6.507, 280.801
Yxy	18.8535, 0.2968, 0.3083
Android (android.graphics.Color)	4285888643 (0xFF757883)
YUV	120.3570, 5.2470, -2.9441
Hunter-Lab	43.4206, -1.3752, -2.5892

Details

The XYZ color **18.1493, 18.8535, 24.1553** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2903, 21.5479, 19.9197**, and the grayscale version is **17.9523, 18.8872, 20.5681**.

A 20% lighter version of the original color is **39.7664, 41.4008, 51.2426**, and **6.2946, 6.5091, 8.9073** is the 20% darker color. If you saturate the color by 10%, you get **15.3391, 15.6655, 23.6884**, and if you desaturate by 10%, it is **21.3401, 22.4362, 24.6789**.

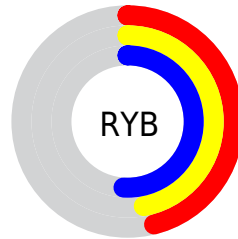
Distribution



Red (46%)

Green (47%)

Blue (51%)



Red (46%)

Yellow (47%)

Blue (51%)

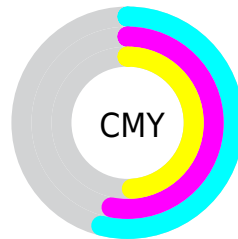


Cyan (11%)

Magenta (8%)

Yellow (0%)

Black (49%)



Cyan (54%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1493, 18.8535, 24.1553 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 18.1493, 18.8535, 24.1553 by changing the saturation by 10% instead.

■ 18.1493, 18.8535,
24.1553

■ 18.1493, 18.8535,
24.1553

234.7406,
245.6388, 286.9165

■ 11.1576, 11.5645,
15.2356

■ 39.8197, 41.4864,
51.2305

■ 6.2410, 6.4479,
8.8364

■ 55.2290, 57.5991,
70.2231

■ 3.0342, 3.1193,
4.5393

■ 74.1749, 77.4217,
93.4104

■ 1.1719, 1.1943,
1.9256

97.0227, 101.3388,
121.2110

■ 0.0840, 0.0571,
0.5090

124.1379,
129.7346, 154.0433

■ 0.0000, 0.0000,
0.0000

155.8857,

162.9936, 192.3260

192.6314,
201.5002, 236.4775

■ 18.1493, 18.8535,
24.1553

■ 18.1493, 18.8535,
24.1553

■ 15.3391, 15.6655,
23.6884

■ 21.3401, 22.4362,
24.6789

■ 12.8933, 12.8562,
23.2750

■ 24.9232, 26.4241,
25.2598

■ 10.7973, 10.4120,
22.9137

■ 28.9123, 30.8303,
25.9001

■ 9.0347, 8.3175,
22.6023

■ 33.3195, 35.6668,
26.6013

■ 7.5877, 6.5562,
22.3386

■ 38.1568, 40.9448,
27.3651

■ 6.4369, 5.1103,
22.1202

■ 43.4353, 46.6751,
28.1930

■ 5.5606, 3.9601,
21.9444

■ 49.1659, 52.8685,
29.0864

■ 4.9339, 3.0836,
21.8082

■ 55.3593, 59.5349,
30.0467

■ 4.5141, 2.4734,
21.7126

■ 62.0255, 66.6844,
31.0754

Harmonies

Analogous

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



17.5215, 18.8535, 24.0080



18.1493, 18.8535, 24.1553



18.7288, 18.8535, 23.2885

Triad

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



18.1493, 18.8535, 24.1553



18.8592, 18.8535, 18.3287



16.7920, 18.8535, 19.4005

Complementary

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



18.1493, 18.8535, 24.1553



20.2903, 21.5479, 19.9197

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.



17.1342, 18.8535, 17.9953



18.1493, 18.8535, 24.1553



18.3239, 18.8535, 17.4021

Square

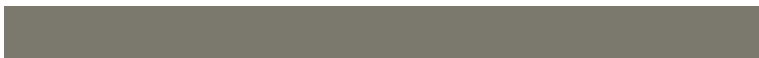
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.1493, 18.8535, 24.1553



19.1450, 18.8535, 19.8804



17.6920, 18.8535, 17.2838



16.7478, 18.8535, 21.1901

Rectangle

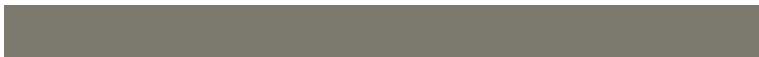
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.1493, 18.8535, 24.1553



19.0059, 18.8535, 22.2804



17.6920, 18.8535, 17.2838



16.8756, 18.8535, 18.8704

Sweetspot

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



18.1499, 18.8543, 24.1557



36.7910, 38.5846, 43.9616



19.3468, 21.5725, 23.5551



8.4643, 8.8696, 10.2186



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.1499, 18.8543, 24.1557



31.1222, 32.2044, 43.0289



18.3388, 18.4242, 24.0627



4.5095, 4.6946, 5.8692



4.4451, 2.4380, 21.3730



0.0199, 0.0175, 0.0755

Inverse Universe

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



19.1120, 18.9043, 20.4117



33.2354, 32.3353, 34.8008



20.0849, 22.0319, 20.0239



4.7104, 4.7039, 5.0875



9.4218, 4.8331, 1.5276



0.0349, 0.0177, 0.0173

Previews

White Background



This preview shows how the XYZ color 18.1493, 18.8535, 24.1553 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 18.1493, 18.8535, 24.1553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

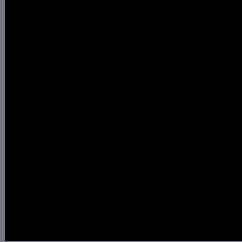
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

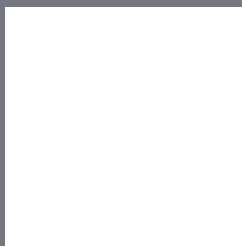
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1493, 18.8535, 24.1553

Background



This preview shows how black text looks on a background with the XYZ color 18.1493, 18.8535, 24.1553.

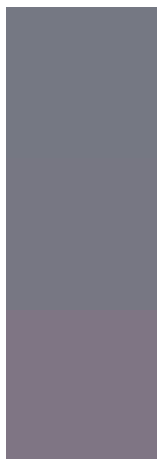


This preview shows how white text looks on a background with the XYZ color 18.1493, 18.8535,

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

18.1493, 18.8535, 24.1553

Protanopia

18.3013, 18.7543, 24.1281

Deuteranopia

19.2785, 18.9005, 24.4619



Tritanopia

18.0819, 18.8266, 23.8000

Trichromacy



Original Color

18.1493, 18.8535, 24.1553

Protanomaly

18.1648, 18.6839, 24.1217

Deuteranomaly

18.8117, 18.8338, 24.4736

Tritanomaly

18.0819, 18.8266, 23.8000

Monochromacy



Original Color

18.1493, 18.8535, 24.1553

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9623, 18.8101, 21.7528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1493, 18.8535, 24.1553 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(117, 120, 131)` looks like.

```
.text, #text, p{  
    color:rgb(117, 120, 131)  
}
```

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(117, 120, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 120, 131) }
```

Border

The CSS property to change the border of an element to XYZ 18.1493, 18.8535, 24.1553 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(117, 120, 131) }
```


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

```
.border{ border-color:rgb(117, 120, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 120, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 120, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 120, 131);  
box-shadow:4px 4px 4px 4px rgb(117, 120,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1493, 18.8535, 24.1553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 120, 131) }
```

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

```
.background{ background-color: rgb(117,  
120, 131) }
```

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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