

Converting Colors

XYZ(18.8925, 24.1616, 29.2374)

Have a look what the booklet for
XYZ(18.8925, 24.1616, 29.2374)
contains.

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Color

**XYZ(18.9384, 24.2300,
29.2699)**

Conversions

Conversions Part 1

Format	Color
Hex	57918E
RGB	87, 145, 142
RGB Percent	34%, 57%, 56%
CMY	0.6588, 0.4314, 0.4431
CMYK	0.40, 0.00, 0.02, 0.43
HSL	177°, 25%, 45%
HSV	177°, 40%, 57%
XYZ	18.9384, 24.2300, 29.2699
YIQ	127.3160, -33.6050, -13.2290

Conversions

Conversions Part 2

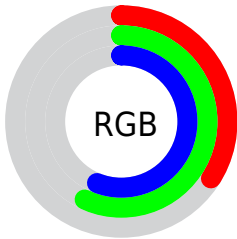
Format	Color
R _Y B	87, 117, 145
Decimal	5738894
CIE Lab	56.32, -19.68, -4.39
CIE LCh	56, 20.160, 192.584
Yxy	24.2300, 0.2614, 0.3345
Android (android.graphics.Color)	4283928974 (0xFF57918E)
YUV	127.3160, 7.2392, -35.3571
Hunter-Lab	49.2240, -17.4660, -0.7986

Details

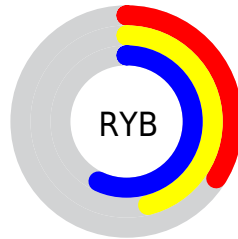
The XYZ color **18.9384, 24.2300, 29.2699** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.9316, 13.5751, 11.4017**, and the grayscale version is **20.2662, 21.3216, 23.2193**.

A 20% lighter version of the original color is **41.2024, 50.4078, 59.7826**, and **6.6276, 9.1354, 11.5392** is the 20% darker color. If you saturate the color by 10%, you get **17.6623, 23.5792, 28.9176**, and if you desaturate by 10%, it is **20.4883, 25.0230, 29.6381**.

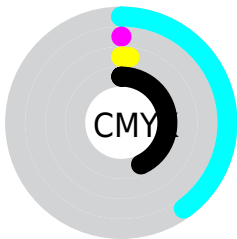
Distribution



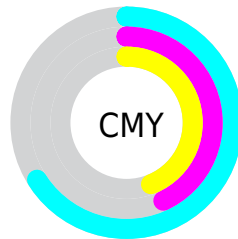
- Red (34%)
- Green (57%)
- Blue (56%)



- Red (34%)
- Yellow (46%)
- Blue (57%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (43%)



- Cyan (66%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9384, 24.2300, 29.2699 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 18.9384, 24.2300, 29.2699 by changing the saturation by 10% instead.

■ 18.9384, 24.2300,
29.2699

■ 18.9384, 24.2300,
29.2699

239.0531,
273.9812, 312.5870

■ 11.7295, 15.5043,
19.0378

■ 41.1477, 50.4053,
59.5529

■ 6.6307, 9.1741,
11.5205

■ 56.8788, 68.6236,
80.4409

■ 3.2765, 4.8549,
6.2995

■ 76.1813, 90.7750,
105.7179

■ 1.3016, 2.1624,
2.9563

■ 99.4206, 117.2439,
135.8024

■ 0.1844, 0.6994,
1.0724

126.9621,
148.4145, 171.1130

■ 0.0000, 0.0000,
0.0000

159.1711,

184.6713, 212.0683

196.4130,
226.3988, 259.0868

■ 18.9384, 24.2300,
29.2699

■ 18.9384, 24.2300,
29.2699

■ 17.6623, 23.5792,
28.9176

■ 20.4883, 25.0230,
29.6381

■ 16.6415, 23.0594,
28.5786

■ 22.3247, 25.9632,
30.0211

■ 15.8584, 22.6621,
28.2528

■ 24.4625, 27.0587,
30.4203

■ 15.2927, 22.3769,
27.9391

■ 26.9146, 28.3161,
30.8361

■ 14.9203, 22.1912,
27.6364

■ 29.6932, 29.7418,
31.2692

■ 14.6770, 22.0721,
27.3418

■ 32.8099, 31.3418,
31.7201

■ 14.6770, 22.0720,
27.3417

■ 36.2758, 33.1217,
32.1894

■ 40.1014, 35.0870,
32.6775

■ 44.2967, 37.2429,
33.1850

Harmonies

Analogous

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



19.0241, 24.2300, 22.7346



18.9384, 24.2300, 29.2699



19.8941, 24.2300, 36.0237

Triad

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



18.9384, 24.2300, 29.2699



26.1877, 24.2300, 36.9706



24.3933, 24.2300, 15.9589

Complementary

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



18.9384, 24.2300, 29.2699



16.9316, 13.5751, 11.4017

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.



26.4790, 24.2300, 18.6358



18.9384, 24.2300, 29.2699



27.5619, 24.2300, 30.4008

Square

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



18.9384, 24.2300, 29.2699



24.0172, 24.2300, 40.9463



27.6719, 24.2300, 23.6912



22.0700, 24.2300, 15.7601

Rectangle

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



18.9384, 24.2300, 29.2699



21.0332, 24.2300, 39.4505



27.6719, 24.2300, 23.6912



25.1492, 24.2300, 16.5751

Sweetspot

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



18.9391, 24.2310, 29.2705



42.8971, 47.9898, 54.3128



16.1478, 23.1572, 12.6362



9.4448, 10.6255, 12.0645



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.



18.9391, 24.2310, 29.2705



31.8366, 42.3311, 51.8472



15.7426, 17.4723, 29.3318



5.5484, 6.1116, 6.8536



12.5915, 18.9325, 23.4667



0.1228, 0.1820, 0.2370

Inverse Universe

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



16.9316, 13.5751, 11.4017



27.7299, 20.5146, 15.2805



19.2071, 18.3265, 11.5425



5.4195, 5.4283, 5.7071



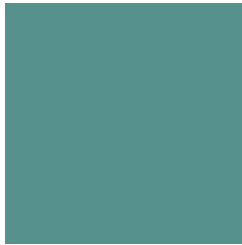
10.0541, 5.1787, 0.6705



0.0979, 0.0502, 0.0159

Previews

White Background



This preview shows how the XYZ color 18.9384, 24.2300, 29.2699 looks on a white background.

Color Contrast Check

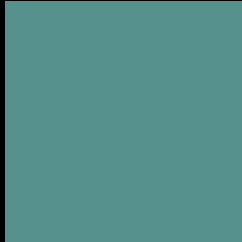
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9384, 24.2300, 29.2699 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

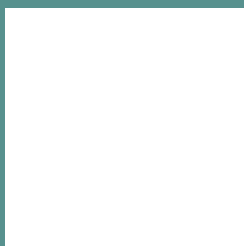
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9384, 24.2300, 29.2699

Background



This preview shows how black text looks on a background with the XYZ color 18.9384, 24.2300, 29.2699.



This preview shows how white text looks on a background with the XYZ color 18.9384, 24.2300,

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

18.9384, 24.2300, 29.2699

Protanopia

23.0516, 24.0337, 26.3457

Deuteranopia

24.5548, 24.1166, 30.1488



Tritanopia

19.9553, 24.1851, 34.6268

Trichromacy



Original Color

18.9384, 24.2300, 29.2699

Protanomaly

21.1471, 23.8635, 27.5363

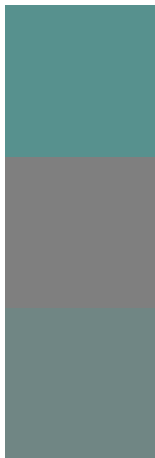
Deuteranomaly

22.0066, 23.8329, 29.8259

Tritanomaly

19.5981, 24.2724, 32.5063

Monochromacy



Original Color

18.9384, 24.2300, 29.2699

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.3720, 22.1609, 25.0863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9384, 24.2300, 29.2699 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(87, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(87, 145, 142)  
}
```

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(87, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 145, 142) }
```

Border

The CSS property to change the border of an element to XYZ 18.9384, 24.2300, 29.2699 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(87, 145, 142) }
```


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

```
.border{ border-color:rgb(87, 145, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 145, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 145, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 145, 142);  
box-shadow:4px 4px 4px 4px rgb(87, 145,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9384, 24.2300, 29.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 145, 142) }
```

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

```
.background{ background-color: rgb(87, 145,  
142) }
```

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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