

Converting Colors

XYZ(18.3581, 24.8369, 28.8442)

Have a look what the booklet for
XYZ(18.3581, 24.8369, 28.8442)
contains.

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Color

**XYZ(18.3792, 24.8738,
29.0317)**

Conversions

Conversions Part 1

Format	Color
Hex	4A958D
RGB	74, 149, 141
RGB Percent	29%, 58%, 55%
CMY	0.7098, 0.4157, 0.4471
CMYK	0.50, 0.00, 0.05, 0.42
HSL	174°, 34%, 44%
HSV	174°, 50%, 58%
XYZ	18.3792, 24.8738, 29.0317
YIQ	125.6630, -42.1320, -18.3880

Conversions

Conversions Part 2

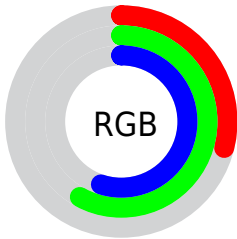
Format	Color
RYB	74, 114, 149
Decimal	4887949
CIELab	56.95, -25.32, -2.95
CIElCh	57, 25.486, 186.639
Yxy	24.8738, 0.2543, 0.3441
Android (android.graphics.Color)	4283078029 (0xFF4A958D)
YUV	125.6630, 7.5611, -45.3085
Hunter-Lab	49.8736, -21.4989, 0.3985

Details

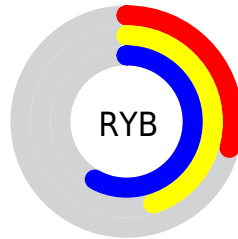
The XYZ color **18.3792, 24.8738, 29.0317** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.3670, 11.8971, 9.4173**, and the grayscale version is **19.7029, 20.7290, 22.5738**.

A 20% lighter version of the original color is **40.1083, 51.2412, 59.4064**, and **6.3812, 9.5552, 11.4055** is the 20% darker color. If you saturate the color by 10%, you get **17.2479, 24.3048, 28.3662**, and if you desaturate by 10%, it is **19.7854, 25.5855, 29.7200**.

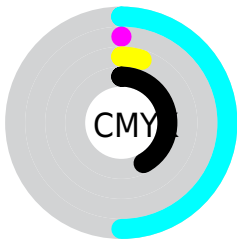
Distribution



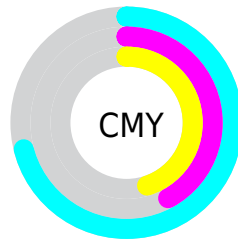
- Red (29%)
- Green (58%)
- Blue (55%)



- Red (29%)
- Yellow (45%)
- Blue (58%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (71%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3792, 24.8738, 29.0317 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 18.3792, 24.8738, 29.0317 by changing the saturation by 10% instead.

■ 18.3792, 24.8738,
29.0317

■ 18.3792, 24.8738,
29.0317

236.0043,
277.2089, 311.4301

■ 11.3239, 15.9831,
18.8590

■ 40.2075, 51.4524,
59.1702

■ 6.3540, 9.5122,
11.3927

■ 55.7111, 69.9091,
79.9732

■ 3.1042, 5.0767,
6.2141

■ 74.7617, 92.3232,
105.1566

■ 1.2091, 2.2924,
2.9048

■ 97.7244, 119.0791,
135.1391

■ 0.1135, 0.7697,
1.0462

■ 124.9646,
150.5612, 170.3391

■ 0.0000, 0.0000,
0.0000

156.8478,

187.1540, 211.1753

193.7392,
229.2417, 258.0661

■ 18.3792, 24.8738,
29.0317

■ 18.3792, 24.8738,
29.0317

■ 17.2479, 24.3048,
28.3662

■ 19.7854, 25.5855,
29.7200

■ 16.3698, 23.8655,
27.7208

■ 21.4818, 26.4461,
30.4303

■ 15.7236, 23.5455,
27.0951

■ 23.4855, 27.4649,
31.1639

■ 15.2833, 23.3315,
26.4878

■ 25.8111, 28.6494,
31.9215

■ 14.9888, 23.1921,
25.9152

■ 28.4728, 30.0070,
32.7038

■ 31.4837, 31.5444,
33.5116

■ 34.8561, 33.2680,
34.3453

■ 38.6018, 35.1839,
35.2056

■ 42.7322, 37.2978,
36.0931

Harmonies

Analogous

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



18.7474, 24.8738, 21.0658



18.3792, 24.8738, 29.0317



19.3226, 24.8738, 38.1441

Triad

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



18.3792, 24.8738, 29.0317



27.2410, 24.8738, 42.5579



25.9952, 24.8738, 14.6067

Complementary

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



18.3792, 24.8738, 29.0317



16.3670, 11.8971, 9.4173

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.



28.5609, 24.8738, 18.3986



18.3792, 24.8738, 29.0317



29.3215, 24.8738, 34.1499

Square

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



18.3792, 24.8738, 29.0317



24.3127, 24.8738, 46.9483



29.8238, 24.8738, 25.2242



22.9834, 24.8738, 13.8009

Rectangle

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



18.3792, 24.8738, 29.0317



20.6194, 24.8738, 43.2922



29.8238, 24.8738, 25.2242



26.9459, 24.8738, 15.5286

Sweetspot

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



18.3799, 24.8748, 29.0323



44.0791, 50.2133, 56.4854



15.5295, 23.8179, 10.2580



9.5955, 11.0398, 12.4610



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.



18.3799, 24.8748, 29.0323



30.7310, 43.4465, 50.6948



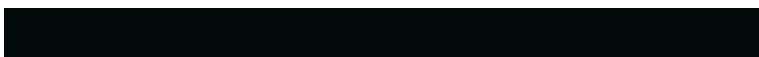
14.9962, 17.1198, 30.9489



5.9377, 6.5517, 7.2830



12.6212, 19.5213, 21.8447



0.1606, 0.2414, 0.2998

Inverse Universe

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



16.3670, 11.8971, 9.4173



26.7295, 17.5606, 11.6370



18.4567, 16.5357, 8.6981



5.8245, 5.8249, 6.1818



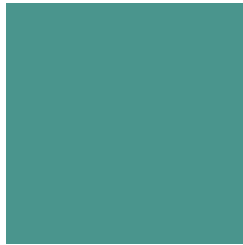
10.5157, 5.4113, 0.9307



0.1336, 0.0682, 0.0374

Previews

White Background



This preview shows how the XYZ color 18.3792, 24.8738, 29.0317 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 18.3792, 24.8738, 29.0317 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

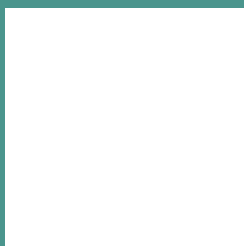
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3792, 24.8738, 29.0317

Background



This preview shows how black text looks on a background with the XYZ color 18.3792, 24.8738, 29.0317.

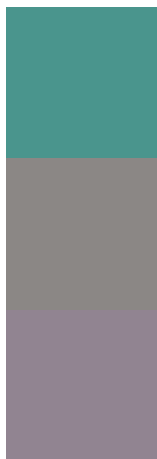


This preview shows how white text looks on a background with the XYZ color 18.3792, 24.8738,

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

18.3792, 24.8738, 29.0317

Protanopia

23.5451, 24.5104, 25.6803

Deuteranopia

25.0392, 24.5666, 30.2102



Tritanopia

19.7587, 24.7319, 36.0801

Trichromacy



Original Color

18.3792, 24.8738, 29.0317

Protanomaly

20.8922, 24.1786, 26.8583

Deuteranomaly

21.7303, 24.1125, 29.8944

Tritanomaly

19.2431, 24.7541, 33.4696

Monochromacy



Original Color

18.3792, 24.8738, 29.0317

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.6852, 21.8147, 24.6986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3792, 24.8738, 29.0317 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(74, 149, 141)` looks like.

```
.text, #text, p{  
    color:rgb(74, 149, 141)  
}
```

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(74, 149, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 149, 141) }
```

Border

The CSS property to change the border of an element to XYZ 18.3792, 24.8738, 29.0317 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(74, 149, 141) }
```


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

```
.border{ border-color:rgb(74, 149, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 149, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 149, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 149, 141);  
box-shadow:4px 4px 4px 4px rgb(74, 149,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3792, 24.8738, 29.0317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 149, 141) }
```

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

```
.background{ background-color: rgb(74, 149,  
141) }
```

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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