

Converting Colors

XYZ(18.4503, 24.1799, 30.4828)

Have a look what the booklet for
XYZ(18.4503, 24.1799, 30.4828)
contains.

XYZ(18.4503, 24.1799, 30.4828)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.4503, 24.1799,
30.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	4D9291
RGB	77, 146, 145
RGB Percent	30%, 57%, 57%
CMY	0.6980, 0.4274, 0.4314
CMYK	0.47, 0.00, 0.01, 0.43
HSL	179°, 31%, 44%
HSV	179°, 47%, 57%
XYZ	18.4503, 24.1799, 30.4828
YIQ	125.2550, -40.8030, -14.9390

Conversions

Conversions Part 2

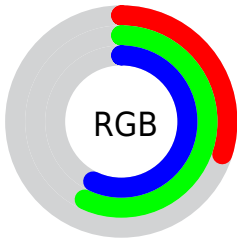
Format	Color
R_{YB}	77, 112, 146
Decimal	5083793
CIE _{Lab}	56.27, -21.99, -6.24
CIE _{LCh}	56, 22.859, 195.835
Yxy	24.1799, 0.2524, 0.3307
Android (android.graphics.Color)	4283273873 (0xFF4D9291)
YUV	125.2550, 9.7343, -42.3196
Hunter-Lab	49.1731, -19.0776, -2.3332

Details

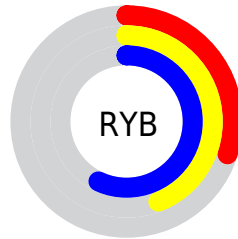
The XYZ color **18.4503, 24.1799, 30.4828** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.8839, 11.9696, 8.6818**, and the grayscale version is **19.5576, 20.5761, 22.4074**.

A 20% lighter version of the original color is **40.3232, 50.2574, 61.6082**, and **6.3889, 9.1298, 12.2520** is the 20% darker color. If you saturate the color by 10%, you get **17.3858, 23.6336, 30.3483**, and if you desaturate by 10%, it is **19.7807, 24.8644, 30.6310**.

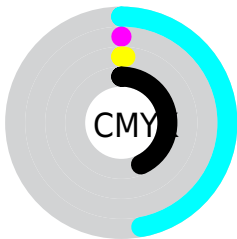
Distribution



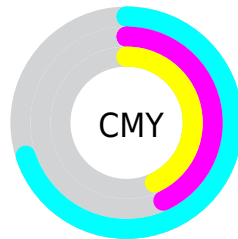
- Red (30%)
- Green (57%)
- Blue (57%)



- Red (30%)
- Yellow (44%)
- Blue (57%)



- Cyan (47%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)



- Cyan (70%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4503, 24.1799, 30.4828 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 18.4503, 24.1799, 30.4828 by changing the saturation by 10% instead.

■ 18.4503, 24.1799,
30.4828

■ 18.4503, 24.1799,
30.4828

236.3939,
273.7287, 318.4255

■ 11.3754, 15.4671,
19.9502

■ 40.3272, 50.3236,
61.4949

■ 6.3891, 9.1479,
12.1751

■ 55.8600, 68.5233,
82.8114

■ 3.1260, 4.8378,
6.7391

■ 74.9427, 90.6542,
108.5596

■ 1.2207, 2.1524,
3.2235

■ 97.9408, 117.1005,
139.1581

■ 0.1226, 0.6938,
1.2099

■ 125.2196,
148.2467, 175.0254

■ 0.0000, 0.0000,
0.0000

157.1445,

184.4772, 216.5801

194.0808,
226.1765, 264.2406

■ 18.4503, 24.1799,
30.4828

■ 18.4503, 24.1799,
30.4828

■ 17.3858, 23.6336,
30.3483

■ 19.7807, 24.8644,
30.6310

■ 16.5672, 23.2135,
30.2249

■ 21.3910, 25.6927,
30.7919

■ 15.9750, 22.9101,
30.1123

■ 23.2971, 26.6734,
30.9668

■ 15.5859, 22.7113,
30.0093

■ 25.5127, 27.8137,
31.1564

■ 15.3589, 22.5962,
29.9141

■ 28.0508, 29.1202,
31.3612

■ 15.3044, 22.5686,
29.8883

■ 30.9238, 30.5994,
31.5819

■ 34.1432, 32.2571,
31.8189

■ 37.7201, 34.0992,
32.0728

■ 41.6651, 36.1310,
32.3441

Harmonies

Analogous

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



18.4174, 24.1799, 22.9386



18.4503, 24.1799, 30.4828



19.6343, 24.1799, 38.1499

Triad

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



18.4503, 24.1799, 30.4828



26.8060, 24.1799, 37.7689



24.2428, 24.1799, 14.6293

Complementary

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



18.4503, 24.1799, 30.4828



15.8839, 11.9696, 8.6818

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.



26.6907, 24.1799, 17.2415



18.4503, 24.1799, 30.4828



28.2453, 24.1799, 30.0354

Square

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



18.4503, 24.1799, 30.4828



24.3906, 24.1799, 42.8732



28.2015, 24.1799, 22.5686



21.6292, 24.1799, 14.7032

Rectangle

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



18.4503, 24.1799, 30.4828



20.9726, 24.1799, 41.8843



28.2015, 24.1799, 22.5686



25.1163, 24.1799, 15.1969

Sweetspot

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



18.4510, 24.1808, 30.4834



42.2020, 47.6217, 54.7237



14.7734, 22.7206, 10.6286



9.2269, 10.5109, 12.1598



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.



18.4510, 24.1808, 30.4834



30.5231, 41.6156, 53.5155



14.1158, 15.3863, 29.4210



5.9605, 6.5608, 7.4030



13.4682, 19.8601, 26.3049



0.1658, 0.2435, 0.3269

Inverse Universe

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



15.8839, 11.9696, 8.6818



25.4147, 17.3063, 10.1244



18.8083, 17.8753, 9.4807



5.8040, 5.8167, 6.0741



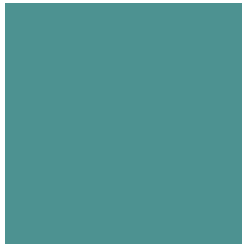
10.4426, 5.3821, 0.5459



0.1285, 0.0661, 0.0102

Previews

White Background



This preview shows how the XYZ color 18.4503, 24.1799, 30.4828 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 18.4503, 24.1799, 30.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

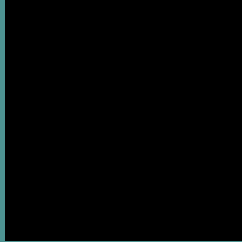
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.4503, 24.1799, 30.4828

Background



This preview shows how black text looks on a background with the XYZ color 18.4503, 24.1799, 30.4828.

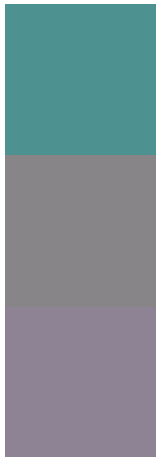


This preview shows how white text looks on a background with the XYZ color 18.4503, 24.1799,

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

18.4503, 24.1799, 30.4828

Protanopia

23.0562, 23.8154, 27.0486

Deuteranopia

24.4461, 24.0334, 31.3674



Tritanopia

19.3673, 24.0961, 35.0827

Trichromacy



Original Color

18.4503, 24.1799, 30.4828

Protanomaly

20.8923, 23.7152, 28.2873

Deuteranomaly

21.5418, 23.5665, 31.0172

Tritanomaly

19.1012, 24.2233, 33.3746

Monochromacy



Original Color

18.4503, 24.1799, 30.4828

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.7367, 21.6291, 25.0171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4503, 24.1799, 30.4828 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(77, 146, 145)` looks like.

```
.text, #text, p{  
    color:rgb(77, 146, 145)  
}
```

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(77, 146, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 146, 145) }
```

Border

The CSS property to change the border of an element to XYZ 18.4503, 24.1799, 30.4828 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(77, 146, 145) }
```


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

```
.border{ border-color:rgb(77, 146, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 146, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 146, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 146, 145);  
box-shadow:4px 4px 4px 4px rgb(77, 146,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4503, 24.1799, 30.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 146, 145) }
```

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

```
.background{ background-color: rgb(77, 146,  
145) }
```

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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