

Converting Colors

XYZ(18.1383, 23.7395, 30.4397)

Have a look what the booklet for
XYZ(18.1383, 23.7395, 30.4397)
contains.

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Color

**XYZ(18.1379, 23.7910,
30.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9191
RGB	75, 145, 145
RGB Percent	29%, 57%, 57%
CMY	0.7059, 0.4314, 0.4314
CMYK	0.48, 0.00, 0.00, 0.43
HSL	180°, 32%, 43%
HSV	180°, 48%, 57%
XYZ	18.1379, 23.7910, 30.4242
YIQ	124.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

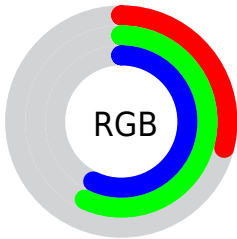
Format	Color
R_{YB}	75, 110, 145
Decimal	4952465
CIE _{Lab}	55.88, -21.96, -6.82
CIE _{LCh}	56, 22.992, 197.268
Yxy	23.7910, 0.2507, 0.3288
Android (android.graphics.Color)	4283142545 (0xFF4B9191)
YUV	124.0700, 10.3185, -43.0344
Hunter-Lab	48.7760, -18.9808, -2.8391

Details

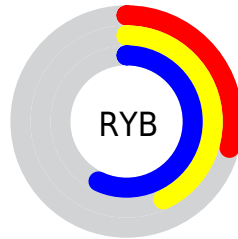
The XYZ color **18.1379, 23.7910, 30.4242** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4640, 11.5606, 8.0739**, and the grayscale version is **19.1588, 20.1565, 21.9505**.

A 20% lighter version of the original color is **39.7855, 49.6375, 61.5169**, and **6.2342, 8.9172, 12.2191** is the 20% darker color. If you saturate the color by 10%, you get **17.1307, 23.2723, 30.3775**, and if you desaturate by 10%, it is **19.4050, 24.4448, 30.4842**.

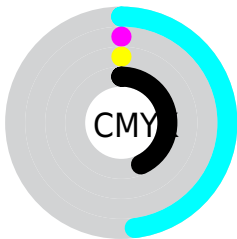
Distribution



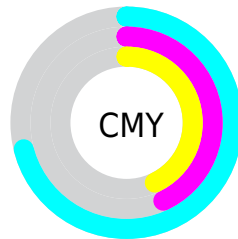
- Red (29%)
- Green (57%)
- Blue (57%)



- Red (29%)
- Yellow (43%)
- Blue (57%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (71%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1379, 23.7910, 30.4242 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 18.1379, 23.7910, 30.4242 by changing the saturation by 10% instead.

■ 18.1379, 23.7910,
30.4242

■ 18.1379, 23.7910,
30.4242

234.6777,
271.7621, 318.1454

■ 11.1493, 15.1787,
19.9060

■ 39.8004, 49.6889,
61.4013

■ 6.2354, 8.9449,
12.1433

■ 55.2050, 67.7433,
82.6973

■ 3.0308, 4.7052,
6.7177

■ 74.1458, 89.7138,
108.4230

■ 1.1700, 2.0754,
3.2104

■ 96.9879, 115.9848,
138.9968

■ 0.0825, 0.6507,
1.2030

■ 124.0968,
146.9408, 174.8375

■ 0.0000, 0.0000,
0.0000

155.8378,

182.9661, 216.3634

192.5764,
224.4450, 263.9932

■ 18.1379, 23.7910,
30.4242

■ 18.1379, 23.7910,
30.4242

■ 17.1307, 23.2723,
30.3775

■ 19.4050, 24.4448,
30.4842

■ 16.3635, 22.8768,
30.3414

■ 20.9461, 25.2392,
30.5564

■ 15.8170, 22.5951,
30.3157

■ 22.7766, 26.1829,
30.6422

■ 15.4678, 22.4151,
30.2993

■ 24.9103, 27.2829,
30.7422

■ 15.2679, 22.3120,
30.2898

■ 27.3601, 28.5458,
30.8570

■ 15.2366, 22.2959,
30.2883

■ 30.1381, 29.9779,
30.9871

■ 33.2558, 31.5851,
31.1331

■ 36.7241, 33.3731,
31.2956

■ 40.5535, 35.3472,
31.4749

Harmonies

Analogous

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



18.0490, 23.7910, 22.8550



18.1379, 23.7910, 30.4242



19.3657, 23.7910, 38.0035

Triad

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



18.1379, 23.7910, 30.4242



26.5157, 23.7910, 36.9712



23.7404, 23.7910, 14.2325

Complementary

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



18.1379, 23.7910, 30.4242



15.4640, 11.5606, 8.0739

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.



26.2036, 23.7910, 16.6916



18.1379, 23.7910, 30.4242



27.8871, 23.7910, 29.2136

Square

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



18.1379, 23.7910, 30.4242



24.1402, 23.7910, 42.2555



27.7687, 23.7910, 21.8559



21.1509, 23.7910, 14.4316

Rectangle

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



18.1379, 23.7910, 30.4242



20.7225, 23.7910, 41.6075



27.7687, 23.7910, 21.8559



24.6143, 23.7910, 14.7522

Sweetspot

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



18.1386, 23.7919, 30.4248



42.2435, 47.6383, 54.9419



14.3899, 22.3031, 10.2037



9.2374, 10.5151, 12.2149



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.



18.1386, 23.7919, 30.4248



30.5313, 41.6004, 54.3927



13.7159, 14.9463, 28.9511



5.5603, 6.1163, 6.9163



13.0685, 19.1232, 25.9784



0.1249, 0.1828, 0.2484

Inverse Universe

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



15.4640, 11.5606, 8.0739



25.1469, 16.9774, 9.3977



18.3988, 17.4304, 9.0519



5.4089, 5.4241, 5.6513



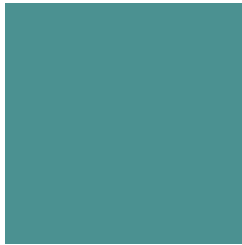
10.0158, 5.1634, 0.4688



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 18.1379, 23.7910, 30.4242 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 18.1379, 23.7910, 30.4242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

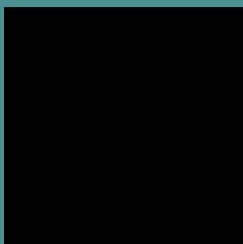
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

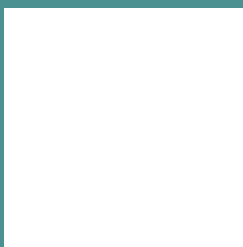
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1379, 23.7910, 30.4242

Background



This preview shows how black text looks on a background with the XYZ color 18.1379, 23.7910, 30.4242.

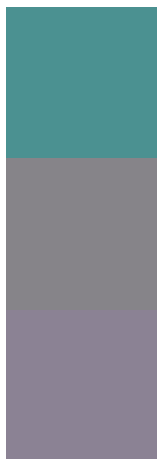


This preview shows how white text looks on a background with the XYZ color 18.1379, 23.7910,

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

18.1379, 23.7910, 30.4242

Protanopia

22.5981, 23.3770, 26.9881

Deuteranopia

23.9754, 23.5923, 31.3071



Tritanopia

18.8807, 23.6312, 34.5765

Trichromacy



Original Color

18.1379, 23.7910, 30.4242

Protanomaly

20.4893, 23.2955, 28.2275

Deuteranomaly

21.1329, 23.1475, 30.9579

Tritanomaly

18.6197, 23.7587, 32.8827

Monochromacy



Original Color

18.1379, 23.7910, 30.4242

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3600, 21.2326, 24.9604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1379, 23.7910, 30.4242 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(75, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(75, 145, 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(75, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 18.1379, 23.7910, 30.4242 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(75, 145, 145) }
```


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

```
.border{ border-color:rgb(75, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(75, 145, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(75, 145, 145); box-shadow:4px 4px 4px 4px rgb(75, 145, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1379, 23.7910, 30.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 145, 145) }
```

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

```
.background{ background-color: rgb(75, 145,  
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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