

Converting Colors

XYZ(18.9278, 24.9227, 31.9365)

Have a look what the booklet for
XYZ(18.9278, 24.9227, 31.9365)
contains.

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Color

**XYZ(18.8369, 24.8138,
31.8137)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9494
RGB	75, 148, 148
RGB Percent	29%, 58%, 58%
CMY	0.7059, 0.4196, 0.4196
CMYK	0.49, 0.00, 0.00, 0.42
HSL	180°, 33%, 44%
HSV	180°, 49%, 58%
XYZ	18.8369, 24.8138, 31.8137
YIQ	126.1730, -43.5080, -15.4760

Conversions

Conversions Part 2

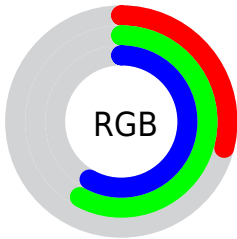
Format	Color
R_{YB}	75, 112, 148
Decimal	4953236
CIE _{Lab}	56.89, -22.68, -7.03
CIE _{LCh}	57, 23.748, 197.232
Yxy	24.8138, 0.2496, 0.3288
Android (android.graphics.Color)	4283143316 (0xFF4B9494)
YUV	126.1730, 10.7607, -44.8787
Hunter-Lab	49.8135, -19.6740, -2.9965

Details

The XYZ color **18.8369, 24.8138, 31.8137** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.9997, 11.8369, 8.0991**, and the grayscale version is **19.8659, 20.9005, 22.7606**.

A 20% lighter version of the original color is **40.8345, 51.1725, 63.6022**, and **6.5575, 9.4770, 12.7929** is the 20% darker color. If you saturate the color by 10%, you get **17.8115, 24.2858, 31.7661**, and if you desaturate by 10%, it is **20.1331, 25.4826, 31.8750**.

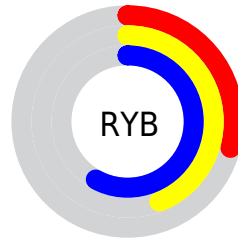
Distribution



Red (29%)

Green (58%)

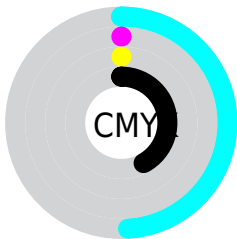
Blue (58%)



Red (29%)

Yellow (44%)

Blue (58%)

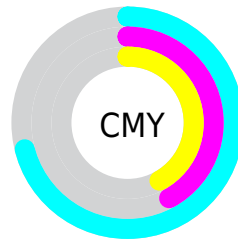


Cyan (49%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8369, 24.8138, 31.8137 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 18.8369, 24.8138, 31.8137 by changing the saturation by 10% instead.

■ 18.8369, 24.8138,
31.8137

■ 18.8369, 24.8138,
31.8137

238.5023,
276.9094, 324.7363

■ 11.6558, 15.9384,
20.9556

■ 40.9773, 51.3550,
63.6134

■ 6.5803, 9.4806,
12.9006

■ 56.6673, 69.7896,
85.3921

■ 3.2450, 5.0559,
7.2302

■ 75.9244, 92.1793,
111.6481

■ 1.2846, 2.2801,
3.5259

■ 99.1138, 118.9086,
142.7999

■ 0.1717, 0.7632,
1.3690

■ 126.6010,
150.3619, 179.2661

■ 0.0000, 0.0000,
0.1174

158.7512,

■ 0.0000, 0.0000,

186.9235, 221.4652

0.0000

195.9298,
228.9779, 269.8157

■ 18.8369, 24.8138,
31.8137

■ 18.8369, 24.8138,
31.8137

■ 17.8115, 24.2858,
31.7661

■ 20.1331, 25.4826,
31.8750

■ 17.0357, 23.8858,
31.7297

■ 21.7151, 26.2981,
31.9492

■ 16.4888, 23.6039,
31.7040

■ 23.5992, 27.2694,
32.0375

■ 16.1459, 23.4271,
31.6878

■ 25.8000, 28.4040,
32.1406

■ 15.9481, 23.3252,
31.6784

■ 28.3312, 29.7088,
32.2592

■ 15.9356, 23.3187,
31.6778

■ 31.2055, 31.1906,
32.3938

■ 34.4353, 32.8556,
32.5451

■ 38.0318, 34.7097,
32.7135

■ 42.0063, 36.7586,
32.8997

Harmonies

Analogous

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



18.7443, 24.8138, 23.7725



18.8369, 24.8138, 31.8137



20.1366, 24.8138, 39.8929

Triad

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



18.8369, 24.8138, 31.8137



27.7324, 24.8138, 38.8093



24.7865, 24.8138, 14.6647

Complementary

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



18.8369, 24.8138, 31.8137



15.9997, 11.8369, 8.0991

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.



27.4057, 24.8138, 17.2623



18.8369, 24.8138, 31.8137



29.1942, 24.8138, 30.5463

Square

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



18.8369, 24.8138, 31.8137



25.2047, 24.8138, 44.4450



29.0701, 24.8138, 22.7302



22.0358, 24.8138, 14.8711

Rectangle

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



18.8369, 24.8138, 31.8137



21.5751, 24.8138, 43.7436



29.0701, 24.8138, 22.7302



25.7155, 24.8138, 15.2135

Sweetspot

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



18.8376, 24.8148, 31.8143



43.1316, 48.8837, 56.5965



14.8585, 23.2342, 10.3589



9.6811, 11.0741, 12.9120



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.



18.8376, 24.8148, 31.8143



31.2924, 42.7804, 56.0414



14.1214, 15.3821, 30.2428



5.9641, 6.5622, 7.4220



13.6110, 19.9172, 27.0570



0.1666, 0.2438, 0.3312

Inverse Universe

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



15.9997, 11.8369, 8.0991



25.6926, 17.1724, 9.2464



19.0902, 18.0180, 9.1290



5.8008, 5.8154, 6.0572



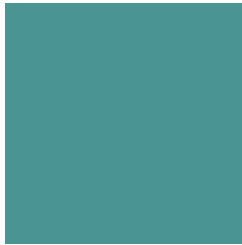
10.4317, 5.3777, 0.4883



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 18.8369, 24.8138, 31.8137 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 18.8369, 24.8138, 31.8137 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 18.8369, 24.8138, 31.8137

Background



This preview shows how black text looks on a background with the XYZ color 18.8369, 24.8138, 31.8137.



This preview shows how white text looks on a background with the XYZ color 18.8369, 24.8138,

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

18.8369, 24.8138, 31.8137

Protanopia

23.7141, 24.5398, 28.2977

Deuteranopia

24.9925, 24.4877, 32.6875



Tritanopia

19.5923, 24.6461, 36.0723

Trichromacy



Original Color

18.8369, 24.8138, 31.8137

Protanomaly

21.2754, 24.3167, 29.5589

Deuteranomaly

22.0647, 24.2305, 32.3682

Tritanomaly

19.3270, 24.7783, 34.3359

Monochromacy



Original Color

18.8369, 24.8138, 31.8137

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.8916, 21.8972, 25.7852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8369, 24.8138, 31.8137 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, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(75, 148, 148)  
}
```

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, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 148, 148) }
```

Border

The CSS property to change the border of an element to XYZ 18.8369, 24.8138, 31.8137 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, 148, 148) }
```


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

```
.border{ border-color:rgb(75, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(75, 148,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8369, 24.8138, 31.8137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 148, 148) }
```

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

```
.background{ background-color: rgb(75, 148,  
148) }
```

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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