

Converting Colors

XYZ(18.3429, 24.0194, 28.4911)

Have a look what the booklet for
XYZ(18.3429, 24.0194, 28.4911)
contains.

XYZ(18.2524, 23.8936, 28.4609)	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(18.2524, 23.8936,
28.4609)**

Conversions

Conversions Part 1

Format	Color
Hex	51918C
RGB	81, 145, 140
RGB Percent	32%, 57%, 55%
CMY	0.6823, 0.4314, 0.4510
CMYK	0.44, 0.00, 0.03, 0.43
HSL	175°, 28%, 44%
HSV	175°, 44%, 57%
XYZ	18.2524, 23.8936, 28.4609
YIQ	125.2940, -36.5390, -15.1230

Conversions

Conversions Part 2

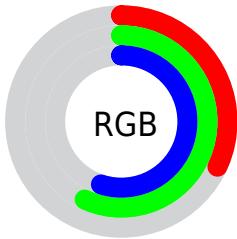
Format	Color
R_{YB}	81, 114, 145
Decimal	5345676
CIE _{Lab}	55.98, -21.80, -3.77
CIE _{LCh}	56, 22.120, 189.818
Yxy	23.8936, 0.2585, 0.3384
Android (android.graphics.Color)	4283535756 (0xFF51918C)
YUV	125.2940, 7.2501, -38.8458
Hunter-Lab	48.8811, -18.8892, -0.3047

Details

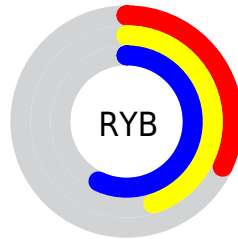
The XYZ color **18.2524, 23.8936, 28.4609** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3001, 12.5772, 10.3736**, and the grayscale version is **19.5778, 20.5974, 22.4306**.

A 20% lighter version of the original color is **39.8806, 49.7654, 57.9558**, and **6.2742, 8.9632, 11.0722** is the 20% darker color. If you saturate the color by 10%, you get **17.0571, 23.2876, 27.9715**, and if you desaturate by 10%, it is **19.7153, 24.6386, 28.9684**.

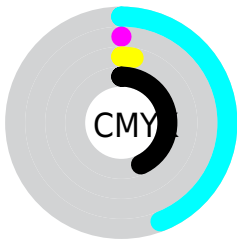
Distribution



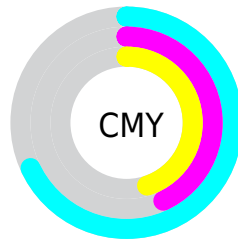
- Red (32%)
- Green (57%)
- Blue (55%)



- Red (32%)
- Yellow (45%)
- Blue (57%)



- Cyan (44%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (68%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2524, 23.8936, 28.4609 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 18.2524, 23.8936, 28.4609 by changing the saturation by 10% instead.

■ 18.2524, 23.8936,
28.4609

■ 18.2524, 23.8936,
28.4609

235.3080,
272.2821, 308.6437

■ 11.2321, 15.2547,
18.4313

■ 39.9937, 49.8565,
58.2514

■ 6.2916, 8.9983,
11.0875

■ 55.4454, 67.9493,
78.8494

■ 3.0656, 4.7401,
6.0108

■ 74.4383, 89.9622,
103.8072

■ 1.1885, 2.0956,
2.7827

■ 97.3377, 116.2797,
133.5435

■ 0.0973, 0.6621,
0.9848

■ 124.5090,
147.2860, 168.4768

■ 0.0000, 0.0000,
0.0000

156.3176,

183.3655, 209.0255

193.1289,
224.9028, 255.6083

■ 18.2524, 23.8936,
28.4609

■ 18.2524, 23.8936,
28.4609

■ 17.0571, 23.2876,
27.9715

■ 19.7153, 24.6386,
28.9684

■ 16.1104, 22.8090,
27.4977

■ 21.4592, 25.5279,
29.4930

■ 15.3937, 22.4490,
27.0391

■ 23.4993, 26.5696,
30.0359

■ 14.8854, 22.1963,
26.5947

■ 25.8489, 27.7709,
30.5979

■ 14.5587, 22.0371,
26.1633

■ 28.5205, 29.1380,
31.1795

■ 14.4060, 21.9637,
25.9142

■ 31.5260, 30.6772,
31.7813

■ 34.8767, 32.3943,
32.4038

■ 38.5832, 34.2946,
33.0476

■ 42.6559, 36.3837,
33.7131

Harmonies

Analogous

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



18.4494, 23.8936, 21.5058



18.2524, 23.8936, 28.4609



19.1800, 23.8936, 35.9791

Triad

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



18.2524, 23.8936, 28.4609



25.9646, 23.8936, 38.2301



24.4275, 23.8936, 15.0219

Complementary

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



18.2524, 23.8936, 28.4609



16.3001, 12.5772, 10.3736

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.



26.6489, 23.8936, 18.0863



18.2524, 23.8936, 28.4609



27.5810, 23.8936, 31.1165

Square

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



18.2524, 23.8936, 28.4609



23.5485, 23.8936, 42.2713



27.8403, 23.8936, 23.7154



21.8919, 23.8936, 14.5754

Rectangle

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



18.2524, 23.8936, 28.4609



20.3547, 23.8936, 39.9888



27.8403, 23.8936, 23.7154



25.2407, 23.8936, 15.7487

Sweetspot

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



18.2531, 23.8945, 28.4615



42.4243, 47.7553, 53.8737



15.4799, 22.8402, 11.3779



9.2629, 10.5343, 11.9406



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.



18.2531, 23.8945, 28.4615



30.5518, 41.7062, 50.0937



15.0227, 16.8300, 29.2459



5.5423, 6.1092, 6.8218



12.3603, 18.8400, 22.2494



0.1217, 0.1815, 0.2311

Inverse Universe

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



16.3001, 12.5772, 10.3736



26.5931, 18.7274, 13.4017



18.4906, 17.2696, 10.1440



5.4249, 5.4305, 5.7357



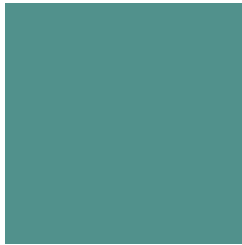
10.0737, 5.1865, 0.7736



0.0990, 0.0507, 0.0217

Previews

White Background



This preview shows how the XYZ color 18.2524, 23.8936, 28.4609 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 18.2524, 23.8936, 28.4609 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 18.2524, 23.8936, 28.4609

Background



This preview shows how black text looks on a background with the XYZ color 18.2524, 23.8936, 28.4609.



This preview shows how white text looks on a background with the XYZ color 18.2524, 23.8936,

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

18.2524, 23.8936, 28.4609

Protanopia

22.7745, 23.7028, 25.5650

Deuteranopia

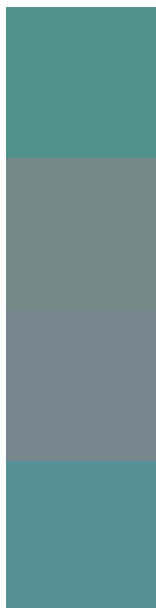
24.0959, 23.6992, 29.2910



Tritanopia

19.4015, 23.9093, 34.1642

Trichromacy



Original Color

18.2524, 23.8936, 28.4609

Protanomaly

20.5921, 23.3819, 26.7204

Deuteranomaly

21.2922, 23.2740, 28.9613

Tritanomaly

19.0542, 24.0013, 32.0622

Monochromacy



Original Color

18.2524, 23.8936, 28.4609

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.5872, 21.3654, 24.2634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2524, 23.8936, 28.4609 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(81, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(81, 145, 140)  
}
```

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(81, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 145, 140) }
```

Border

The CSS property to change the border of an element to XYZ 18.2524, 23.8936, 28.4609 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(81, 145, 140) }
```


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

```
.border{ border-color:rgb(81, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(81, 145,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2524, 23.8936, 28.4609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 145, 140) }
```

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

```
.background{ background-color: rgb(81, 145,  
140) }
```

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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