

Converting Colors

XYZ(23.5168, 30.6152, 24.0719)

Have a look what the booklet for
XYZ(23.5168, 30.6152, 24.0719)
contains.

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Color

**XYZ(23.5168, 30.6152,
24.0719)**

Conversions

Conversions Part 1

Format	Color
Hex	73A17D
RGB	115, 161, 125
RGB Percent	45%, 63%, 49%
CMY	0.5490, 0.3686, 0.5098
CMYK	0.29, 0.00, 0.22, 0.37
HSL	133°, 20%, 54%
HSV	133°, 29%, 63%
XYZ	23.5168, 30.6152, 24.0719
YIQ	143.1420, -15.8600, -20.9480

Conversions

Conversions Part 2

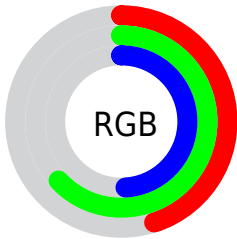
Format	Color
RYB	115, 153, 161
Decimal	7577981
CIELab	62.18, -23.09, 13.86
CIElCh	62, 26.936, 149.027
Yxy	30.6152, 0.3007, 0.3915
Android (android.graphics.Color)	4285768061 (0xFF73A17D)
YUV	143.1420, -8.9440, -24.6805
Hunter-Lab	55.3310, -20.9631, 12.9374

Details

The XYZ color **23.5168, 30.6152, 24.0719** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.4157, 22.0737, 32.1479**, and the grayscale version is **26.2049, 27.5696, 30.0233**.

A 20% lighter version of the original color is **48.7402, 60.6509, 51.2574**, and **8.9531, 12.5829, 8.7943** is the 20% darker color. If you saturate the color by 10%, you get **20.8272, 29.3167, 20.0076**, and if you desaturate by 10%, it is **26.6799, 32.1477, 28.6928**.

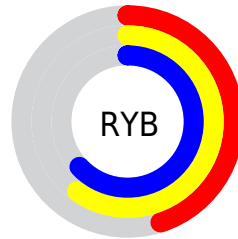
Distribution



Red (45%)

Green (63%)

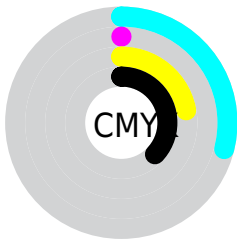
Blue (49%)



Red (45%)

Yellow (60%)

Blue (63%)

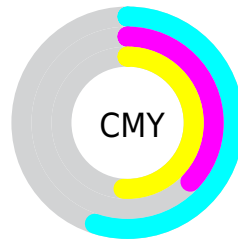


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (37%)



Cyan (55%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5168, 30.6152, 24.0719 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 23.5168, 30.6152, 24.0719 by changing the saturation by 10% instead.

■ 23.5168, 30.6152,
24.0719

■ 23.5168, 30.6152,
24.0719

262.8544,
304.7616, 286.4820

■ 15.0984, 20.3060,
15.1743

■ 48.7010, 60.6337,
51.0928

■ 8.9752, 12.6177,
8.7938

■ 66.1974, 81.1119,
70.0532

■ 4.7820, 7.1658,
4.5120

■ 87.4506, 105.7484,
93.2048

■ 2.1534, 3.5660,
1.9102

112.8258,
134.9278, 120.9664

■ 0.7180, 1.4339,
0.4992

142.6884,
169.0344, 153.7563

■ 0.0000, 0.2415,
0.0000

177.4038,

■ 0.0000, 0.0000,

208.4527, 191.9932

0.0000

217.3374,
253.5669, 236.0956

■ 23.5168, 30.6152,
24.0719

■ 23.5168, 30.6152,
24.0719

■ 20.8272, 29.3167,
20.0076

■ 26.6799, 32.1477,
28.6928

■ 18.5858, 28.2370,
16.4768

■ 30.3357, 33.9211,
33.8882

■ 16.7682, 27.3650,
13.4580

■ 34.5049, 35.9466,
39.6775

■ 15.3469, 26.6868,
10.9272

■ 39.2066, 38.2336,
46.0787

■ 14.2912, 26.1873,
8.8588

■ 44.4588, 40.7911,
53.1091

■ 13.5652, 25.8485,
7.2244

■ 50.2787, 43.6274,
60.7853

■ 13.1050, 25.6380,
5.9917

■ 56.6826, 46.7509,
69.1232

■ 13.0488, 25.6122,
5.8459

■ 63.6864, 50.1692,
78.1381

■ 69.4776, 52.9477,
87.7594

Harmonies

Analogous

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



25.8428, 30.6152, 18.7366



23.5168, 30.6152, 24.0719



22.6649, 30.6152, 32.9965

Triad

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



23.5168, 30.6152, 24.0719



28.9805, 30.6152, 57.5732



35.6364, 30.6152, 24.5482

Complementary

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



23.5168, 30.6152, 24.0719



26.4157, 22.0737, 32.1479

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.



36.6479, 30.6152, 33.6753



23.5168, 30.6152, 24.0719



32.6175, 30.6152, 54.0389

Square

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



23.5168, 30.6152, 24.0719



25.6536, 30.6152, 53.5719



35.5009, 30.6152, 44.7128



32.8395, 30.6152, 18.9688

Rectangle

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



23.5168, 30.6152, 24.0719



22.9883, 30.6152, 40.2832



35.5009, 30.6152, 44.7128



36.2062, 30.6152, 27.2351

Sweetspot

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



23.5176, 30.6165, 24.0726



53.9099, 60.5452, 60.1032



28.6092, 33.3114, 21.1420



11.6157, 13.1777, 12.8892



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.5176, 30.6165, 24.0726



39.0951, 53.3690, 38.5775



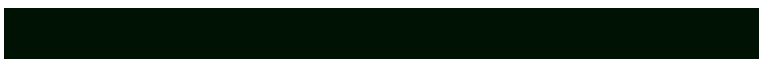
25.1587, 31.2729, 32.7145



7.0457, 7.9191, 7.8522



10.4342, 20.4600, 4.7372



0.2351, 0.4363, 0.1832

Inverse Universe

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



26.4157, 22.0737, 32.1479



45.1100, 35.6277, 55.3297



24.7281, 21.3987, 23.2613



7.2981, 7.1757, 8.5562



14.7621, 7.2609, 16.4696



0.3257, 0.1588, 0.4279

Previews

White Background



This preview shows how the XYZ color 23.5168, 30.6152, 24.0719 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.5168, 30.6152, 24.0719 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 ✓ Pass

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

XYZ 23.5168, 30.6152, 24.0719

Background



This preview shows how black text looks on a background with the XYZ color 23.5168, 30.6152, 24.0719.



This preview shows how white text looks on a background with the XYZ color 23.5168, 30.6152,

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

23.5168, 30.6152, 24.0719

Protanopia

28.3753, 30.1977, 21.7860

Deuteranopia

30.9490, 30.3022, 24.9866



Tritanopia

26.9576, 30.4808, 41.5084

Trichromacy



Original Color

23.5168, 30.6152, 24.0719

Protanomaly

26.1701, 30.0026, 22.5009

Deuteranomaly

27.5651, 29.9505, 24.7503

Tritanomaly

25.4702, 30.3740, 34.2261

Monochromacy



Original Color

23.5168, 30.6152, 24.0719

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.0231, 28.5768, 27.4896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5168, 30.6152, 24.0719 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(115, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(115, 161, 125)  
}
```

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(115, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 161, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.5168, 30.6152, 24.0719 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(115, 161, 125) }
```


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

```
.border{ border-color:rgb(115, 161, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 161, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 161, 125);  
box-shadow:4px 4px 4px 4px rgb(115, 161,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5168, 30.6152, 24.0719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 161, 125) }
```

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

```
.background{ background-color: rgb(115,  
161, 125) }
```

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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