

Converting Colors

XYZ(18.7423, 23.8304, 30.1116)

Have a look what the booklet for
XYZ(18.7423, 23.8304, 30.1116)
contains.

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Color

**XYZ(18.7536, 23.8914,
30.0086)**

Conversions

Conversions Part 1

Format	Color
Hex	559090
RGB	85, 144, 144
RGB Percent	33%, 56%, 56%
CMY	0.6667, 0.4353, 0.4353
CMYK	0.41, 0.00, 0.00, 0.44
HSL	180°, 26%, 45%
HSV	180°, 41%, 56%
XYZ	18.7536, 23.8914, 30.0086
YIQ	126.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

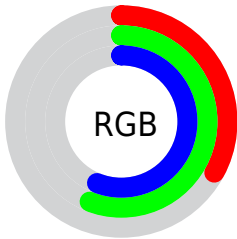
Format	Color
R _Y B	85, 115, 144
Decimal	5607568
CIE Lab	55.98, -19.17, -6.05
CIE LCh	56, 20.102, 197.523
Yxy	23.8914, 0.2581, 0.3288
Android (android.graphics.Color)	4283797648 (0xFF559090)
YUV	126.3590, 8.6970, -36.2718
Hunter-Lab	48.8788, -17.0519, -2.1852

Details

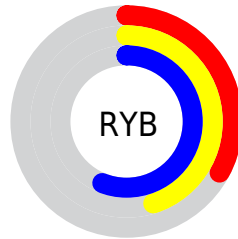
The XYZ color **18.7536, 23.8914, 30.0086** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3906, 13.0829, 10.2566**, and the grayscale version is **19.9339, 20.9720, 22.8385**.

A 20% lighter version of the original color is **40.8684, 49.8687, 60.8977**, and **6.5304, 8.9439, 11.9718** is the 20% darker color. If you saturate the color by 10%, you get **17.5772, 23.2855, 29.9539**, and if you desaturate by 10%, it is **20.1975, 24.6363, 30.0768**.

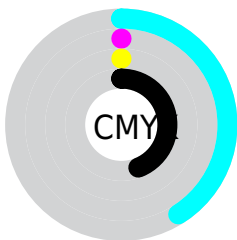
Distribution



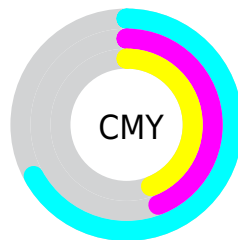
- Red (33%)
- Green (56%)
- Blue (56%)



- Red (33%)
- Yellow (45%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7536, 23.8914, 30.0086 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 18.7536, 23.8914, 30.0086 by changing the saturation by 10% instead.

■ 18.7536, 23.8914,
30.0086

■ 18.7536, 23.8914,
30.0086

238.0494,
272.2710, 316.1531

■ 11.5953, 15.2531,
19.5930

■ 40.8374, 49.8529,
60.7369

■ 6.5390, 8.9972,
11.9184

■ 56.4937, 67.9449,
81.8868

■ 3.2192, 4.7394,
6.5663

■ 75.7133, 89.9569,
107.4518

■ 1.2707, 2.0952,
3.1181

■ 98.8617, 116.2733,
137.8505

■ 0.1612, 0.6619,
1.1552

■ 126.3041,
147.2786, 173.5014

■ 0.0000, 0.0000,
0.0000

158.4059,

183.3570, 214.8231

195.5326,
224.8930, 262.2342

■ 18.7536, 23.8914,
30.0086

■ 18.7536, 23.8914,
30.0086

■ 17.5772, 23.2855,
29.9539

■ 20.1975, 24.6363,
30.0768

■ 16.6499, 22.8075,
29.9104

■ 21.9217, 25.5252,
30.1577

■ 15.9544, 22.4490,
29.8777

■ 23.9406, 26.5659,
30.2523

■ 15.4703, 22.1994,
29.8549

■ 26.2671, 27.7653,
30.3614

■ 15.1736, 22.0464,
29.8408

■ 28.9133, 29.1295,
30.4853

■ 15.0076, 21.9608,
29.8329

■ 31.8907, 30.6644,
30.6248

■ 35.2102, 32.3756,
30.7803

■ 38.8821, 34.2686,
30.9523

■ 42.9165, 36.3484,
31.1413

Harmonies

Analogous

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



18.6652, 23.8914, 23.3771



18.7536, 23.8914, 30.0086



19.8558, 23.8914, 36.4957

Triad

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



18.7536, 23.8914, 30.0086



26.1217, 23.8914, 35.5181



23.6751, 23.8914, 15.5200

Complementary

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



18.7536, 23.8914, 30.0086



16.3906, 13.0829, 10.2566

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.



25.8211, 23.8914, 17.7595



18.7536, 23.8914, 30.0086



27.2962, 23.8914, 28.8414

Square

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



18.7536, 23.8914, 30.0086



24.0632, 23.8914, 40.0264



27.1827, 23.8914, 22.3900



21.4048, 23.8914, 15.7251

Rectangle

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



18.7536, 23.8914, 30.0086



21.0620, 23.8914, 39.5304



27.1827, 23.8914, 22.3900



24.4377, 23.8914, 15.9938

Sweetspot

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



18.7543, 23.8923, 30.0092



41.7404, 46.6051, 53.3334



15.4499, 22.5810, 12.1392



9.4754, 10.6378, 12.2260



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.



18.7543, 23.8923, 30.0092



31.1819, 41.1620, 52.8383



14.9671, 16.3177, 28.7473



5.5603, 6.1163, 6.9162



13.0684, 19.1232, 25.9781



0.1249, 0.1828, 0.2484

Inverse Universe

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



16.3906, 13.0829, 10.2566



26.4354, 19.4560, 13.1740



19.1051, 18.5119, 11.1611



5.4089, 5.4241, 5.6513



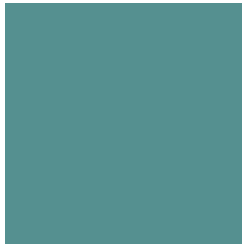
10.0158, 5.1634, 0.4688



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 18.7536, 23.8914, 30.0086 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 18.7536, 23.8914, 30.0086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

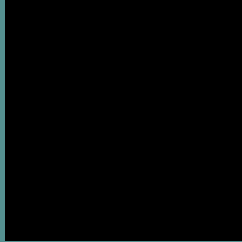
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.7536, 23.8914, 30.0086

Background



This preview shows how black text looks on a background with the XYZ color 18.7536, 23.8914, 30.0086.



This preview shows how white text looks on a background with the XYZ color 18.7536, 23.8914,

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

18.7536, 23.8914, 30.0086

Protanopia

22.8946, 23.7321, 27.0410

Deuteranopia

24.0643, 23.6473, 30.8998



Tritanopia

19.5302, 23.7538, 34.1274

Trichromacy



Original Color

18.7536, 23.8914, 30.0086

Protanomaly

21.0154, 23.5667, 28.2521

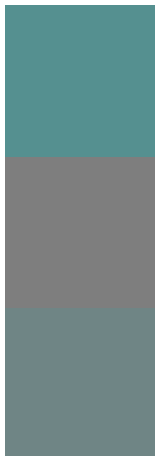
Deuteranomaly

21.5980, 23.3963, 30.5717

Tritanomaly

19.2580, 23.8732, 32.4471

Monochromacy



Original Color

18.7536, 23.8914, 30.0086

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.1767, 21.8480, 25.3967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7536, 23.8914, 30.0086 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(85, 144, 144)` looks like.

```
.text, #text, p{  
  color:rgb(85, 144, 144)  
}
```

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(85, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 18.7536, 23.8914, 30.0086 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(85, 144, 144) }
```


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

```
.border{ border-color:rgb(85, 144, 144) }
```

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

Here you see how a box with a 4 pixel rgb(85, 144, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(85, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7536, 23.8914, 30.0086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 144, 144) }
```

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

```
.background{ background-color: rgb(85, 144,  
144) }
```

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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