

Converting Colors

XYZ(18.4010, 23.6096, 24.3561)

Have a look what the booklet for
XYZ(18.4010, 23.6096, 24.3561)
contains.

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Color

**XYZ(18.4010, 23.6096,
24.3561)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8F81
RGB	94, 143, 129
RGB Percent	37%, 56%, 51%
CMY	0.6314, 0.4392, 0.4941
CMYK	0.34, 0.00, 0.10, 0.44
HSL	163°, 21%, 46%
HSV	163°, 34%, 56%
XYZ	18.4010, 23.6096, 24.3561
YIQ	126.7530, -24.7100, -14.7420

Conversions

Conversions Part 2

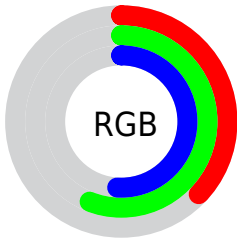
Format	Color
R_{YB}	94, 123, 143
Decimal	6197121
CIE _{Lab}	55.69, -19.78, 2.20
CIE _{LCh}	56, 19.903, 173.642
Yxy	23.6096, 0.2773, 0.3557
Android (android.graphics.Color)	4284387201 (0xFF5E8F81)
YUV	126.7530, 1.1078, -28.7244
Hunter-Lab	48.5897, -17.4338, 4.2931

Details

The XYZ color **18.4010, 23.6096, 24.3561** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0380, 14.9284, 16.1191**, and the grayscale version is **20.0910, 21.1373, 23.0185**.

A 20% lighter version of the original color is **40.2638, 49.4209, 51.6730**, and **6.3138, 8.7690, 8.9492** is the 20% darker color. If you saturate the color by 10%, you get **16.8022, 22.8168, 22.8920**, and if you desaturate by 10%, it is **20.2837, 24.5488, 25.8912**.

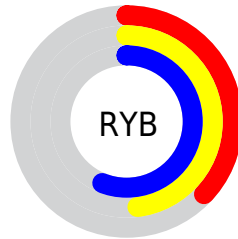
Distribution



Red (37%)

Green (56%)

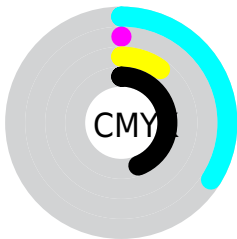
Blue (51%)



Red (37%)

Yellow (48%)

Blue (56%)

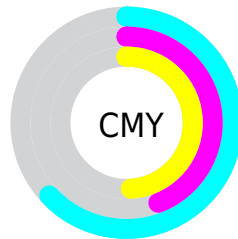


Cyan (34%)

Magenta (0%)

Yellow (10%)

Black (44%)



Cyan (63%)

Magenta (44%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4010, 23.6096, 24.3561 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 18.4010, 23.6096, 24.3561 by changing the saturation by 10% instead.

■ 18.4010, 23.6096,
24.3561

■ 18.4010, 23.6096,
24.3561

236.1238,
270.8408, 287.9602

■ 11.3397, 15.0443,
15.3833

■ 40.2442, 49.3924,
51.5618

■ 6.3648, 8.8505,
8.9393

■ 55.7568, 67.3786,
70.6318

■ 3.1109, 4.6438,
4.6053

■ 74.8172, 89.2739,
93.9046

■ 1.2127, 2.0398,
1.9630

■ 97.7908, 115.4627,
121.7988

■ 0.1163, 0.6304,
0.5324

125.0429,
146.3294, 154.7330

■ 0.0000, 0.0000,
0.0000

156.9388,

182.2584, 193.1255

193.8440,
223.6341, 237.3951

■ 18.4010, 23.6096,
24.3561

■ 18.4010, 23.6096,
24.3561

■ 16.8022, 22.8168,
22.8920

■ 20.2837, 24.5488,
25.8912

■ 15.4702, 22.1596,
21.4959

■ 22.4623, 25.6386,
27.4971

■ 14.3890, 21.6305,
20.1670

■ 24.9505, 26.8867,
29.1754

■ 13.5400, 21.2199,
18.9037

■ 27.7606, 28.2995,
30.9274

■ 12.9021, 20.9170,
17.7042

■ 30.9042, 29.8829,
32.7542

■ 12.4489, 20.7080,
16.5668

■ 34.3922, 31.6426,
34.6570

■ 12.2281, 20.6079,
15.9401

■ 38.2352, 33.5839,
36.6368

■ 42.4432, 35.7120,
38.6947

■ 47.0258, 38.0318,
40.8317

Harmonies

Analogous

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



19.1264, 23.6096, 19.0257



18.4010, 23.6096, 24.3561



18.6980, 23.6096, 31.0150

Triad

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



18.4010, 23.6096, 24.3561



24.2243, 23.6096, 38.8425



25.1100, 23.6096, 16.9473

Complementary

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



18.4010, 23.6096, 24.3561



18.0380, 14.9284, 16.1191

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.



26.6511, 23.6096, 21.0418



18.4010, 23.6096, 24.3561



26.1162, 23.6096, 33.7933

Square

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



18.4010, 23.6096, 24.3561



21.9635, 23.6096, 40.1282



27.0311, 23.6096, 27.1066



22.9238, 23.6096, 15.2353

Rectangle

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



18.4010, 23.6096, 24.3561



19.4465, 23.6096, 35.2644



27.0311, 23.6096, 27.1066



25.7264, 23.6096, 18.0540

Sweetspot

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



18.4017, 23.6106, 24.3566



41.9633, 46.7842, 50.4437



18.1134, 23.6863, 14.2073



9.4969, 10.6654, 11.4816



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.



18.4017, 23.6106, 24.3566



30.7313, 41.1777, 41.6122



17.9897, 21.1936, 29.1304



5.4954, 6.0904, 6.5749



10.8208, 18.2242, 14.1424



0.1130, 0.1780, 0.1853

Inverse Universe

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



18.0380, 14.9284, 16.1191



29.9837, 23.2288, 24.6031



18.2790, 16.5089, 12.8132



5.4683, 5.4479, 5.9641



10.3757, 5.3073, 2.3640



0.1077, 0.0542, 0.0675

Previews

White Background



This preview shows how the XYZ color 18.4010, 23.6096, 24.3561 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 18.4010, 23.6096, 24.3561 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

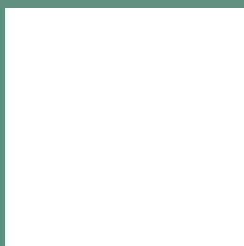
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4010, 23.6096, 24.3561

Background



This preview shows how black text looks on a background with the XYZ color 18.4010, 23.6096, 24.3561.



This preview shows how white text looks on a background with the XYZ color 18.4010, 23.6096,

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

18.4010, 23.6096, 24.3561

Protanopia

22.3076, 23.3359, 22.0674

Deuteranopia

23.8692, 23.4774, 25.1034



Tritanopia

20.1096, 23.6432, 32.7819

Trichromacy



Original Color

18.4010, 23.6096, 24.3561

Protanomaly

20.5319, 23.2266, 22.8031

Deuteranomaly

21.3742, 23.2009, 24.8244

Tritanomaly

19.4126, 23.5743, 29.5137

Monochromacy



Original Color

18.4010, 23.6096, 24.3561

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.3540, 21.9784, 23.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4010, 23.6096, 24.3561 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(94, 143, 129)` looks like.

```
.text, #text, p{  
    color:rgb(94, 143, 129)  
}
```

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(94, 143, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 143, 129) }
```

Border

The CSS property to change the border of an element to XYZ 18.4010, 23.6096, 24.3561 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(94, 143, 129) }
```


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

```
.border{ border-color:rgb(94, 143, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 143, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 143, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 143, 129);  
box-shadow:4px 4px 4px 4px rgb(94, 143,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4010, 23.6096, 24.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 143, 129) }
```

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

```
.background{ background-color: rgb(94, 143,  
129) }
```

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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