

Converting Colors

XYZ(18.2438, 20.3109, 24.0621)

Have a look what the booklet for
XYZ(18.2438, 20.3109, 24.0621)
contains.

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Color

**XYZ(18.3040, 20.4296,
24.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8082
RGB	111, 128, 130
RGB Percent	44%, 50%, 51%
CMY	0.5647, 0.4980, 0.4902
CMYK	0.15, 0.02, 0.00, 0.49
HSL	186°, 8%, 47%
HSV	186°, 15%, 51%
XYZ	18.3040, 20.4296, 24.0977
YIQ	123.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

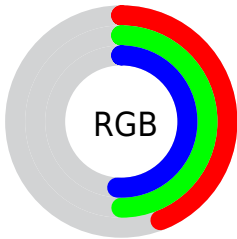
Format	Color
R_{YB}	111, 120, 130
Decimal	7307394
CIE _{Lab}	52.32, -5.74, -3.18
CIE _{LCh}	52, 6.565, 209.016
Yxy	20.4296, 0.2913, 0.3252
Android (android.graphics.Color)	4285497474 (0xFF6F8082)
YUV	123.1450, 3.3795, -10.6512
Hunter-Lab	45.1991, -6.8124, 0.0292

Details

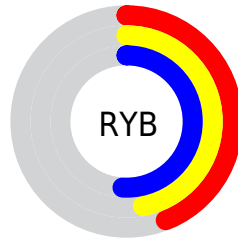
The XYZ color **18.3040, 20.4296, 24.0977** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9804, 17.7037, 17.5088**, and the grayscale version is **18.8668, 19.8494, 21.6160**.

A 20% lighter version of the original color is **40.1754, 44.2532, 51.2240**, and **6.3311, 7.2428, 8.8489** is the 20% darker color. If you saturate the color by 10%, you get **16.6089, 19.2933, 23.9680**, and if you desaturate by 10%, it is **20.2408, 21.6951, 24.2402**.

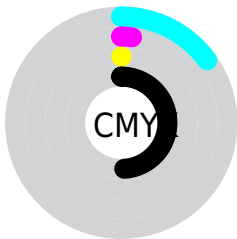
Distribution



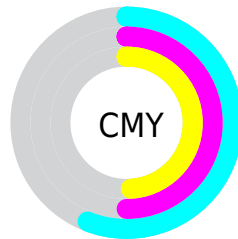
- Red (44%)
- Green (50%)
- Blue (51%)



- Red (44%)
- Yellow (47%)
- Blue (51%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3040, 20.4296, 24.0977 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 18.3040, 20.4296, 24.0977 by changing the saturation by 10% instead.

■ 18.3040, 20.4296,
24.0977

■ 18.3040, 20.4296,
24.0977

235.5916,
254.2314, 286.6165

■ 11.2695, 12.7077,
15.1932

■ 40.0807, 44.1363,
51.1354

■ 6.3170, 7.2276,
8.8070

■ 55.5536, 60.8898,
70.1057

■ 3.0813, 3.6048,
4.5204

■ 74.5699, 81.4228,
93.2685

■ 1.1969, 1.4551,
1.9150

■ 97.4951, 106.1194,
121.0421

■ 0.1039, 0.2568,
0.5022

124.6946,
135.3642, 153.8452

■ 0.0000, 0.0000,
0.0000

156.5335,

169.5416, 192.0962

193.3774,
209.0358, 236.2138

■ 18.3040, 20.4296,
24.0977

■ 18.3040, 20.4296,
24.0977

■ 16.6089, 19.2933,
23.9680

■ 20.2408, 21.6951,
24.2402

■ 15.1434, 18.2785,
23.8494

■ 22.4271, 23.0923,
24.3947

■ 13.8972, 17.3802,
23.7417

■ 24.8727, 24.6267,
24.5619

■ 12.8584, 16.5923,
23.6444

■ 27.5861, 26.3028,
24.7424

■ 12.0139, 15.9081,
23.5568

■ 30.5756, 28.1249,
24.9366

■ 11.3491, 15.3201,
23.4784

■ 33.8491, 30.0970,
25.1447

■ 10.8475, 14.8197,
23.4082

■ 37.4142, 32.2230,
25.3672

■ 10.4860, 14.3950,
23.3453

■ 41.2781, 34.5068,
25.6043

■ 10.3129, 14.1788,
23.3127

■ 45.4478, 36.9519,
25.8565

Harmonies

Analogous

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



18.1479, 20.4296, 22.1805



18.3040, 20.4296, 24.0977



18.7568, 20.4296, 25.5879

Triad

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



18.3040, 20.4296, 24.0977



20.5525, 20.4296, 24.2146



19.4400, 20.4296, 18.7288

Complementary

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



18.3040, 20.4296, 24.0977



17.9804, 17.7037, 17.5088

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.



20.0940, 20.4296, 19.2056



18.3040, 20.4296, 24.0977



20.7454, 20.4296, 22.3083

Square

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



18.3040, 20.4296, 24.0977



20.0545, 20.4296, 25.6581



20.5757, 20.4296, 20.4886



18.7946, 20.4296, 19.1477

Rectangle

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



18.3040, 20.4296, 24.0977



19.1713, 20.4296, 26.0991



20.5757, 20.4296, 20.4886



19.6662, 20.4296, 18.7892

Sweetspot

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



18.3046, 20.4304, 24.0982



35.8360, 38.3294, 42.7021



17.5135, 20.5351, 18.6342



8.0572, 8.6408, 9.6615



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.3046, 20.4304, 24.0982



31.0539, 35.1937, 42.3488



17.1345, 18.0902, 23.7081



4.4090, 4.8121, 5.5097



9.8912, 13.6009, 22.3539



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.7871, 17.6736, 22.8443



32.1037, 29.2573, 39.6071



19.0843, 19.9114, 17.8767



4.4793, 4.4049, 5.3284



11.8696, 5.7675, 16.4348



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.3040, 20.4296, 24.0977 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 18.3040, 20.4296, 24.0977 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

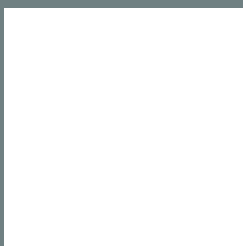
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3040, 20.4296, 24.0977

Background



This preview shows how black text looks on a background with the XYZ color 18.3040, 20.4296, 24.0977.



This preview shows how white text looks on a background with the XYZ color 18.3040, 20.4296,

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

18.3040, 20.4296, 24.0977

Protanopia

19.7081, 20.4094, 23.3228

Deuteranopia

20.7656, 20.3818, 24.3123



Tritanopia

18.7868, 20.4296, 26.6201

Trichromacy



Original Color

18.3040, 20.4296, 24.0977

Protanomaly

19.1812, 20.3172, 23.6795

Deuteranomaly

19.9086, 20.4896, 24.3783

Tritanomaly

18.5745, 20.3447, 25.5022

Monochromacy



Original Color

18.3040, 20.4296, 24.0977

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7073, 20.0955, 22.6315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3040, 20.4296, 24.0977 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(111, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(111, 128, 130)  
}
```

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(111, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 128, 130) }
```

Border

The CSS property to change the border of an element to XYZ 18.3040, 20.4296, 24.0977 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(111, 128, 130) }
```


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

```
.border{ border-color:rgb(111, 128, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(111, 128,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3040, 20.4296, 24.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 128, 130) }
```

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

```
.background{ background-color: rgb(111,  
128, 130) }
```

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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