

Converting Colors

XYZ(18.2932, 20.0202, 23.9589)

Have a look what the booklet for
XYZ(18.2932, 20.0202, 23.9589)
contains.

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Color

**XYZ(18.3002, 20.0441,
24.0235)**

Conversions

Conversions Part 1

Format	Color
Hex	717E82
RGB	113, 126, 130
RGB Percent	44%, 49%, 51%
CMY	0.5569, 0.5059, 0.4902
CMYK	0.13, 0.03, 0.00, 0.49
HSL	194°, 7%, 48%
HSV	194°, 13%, 51%
XYZ	18.3002, 20.0441, 24.0235
YIQ	122.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

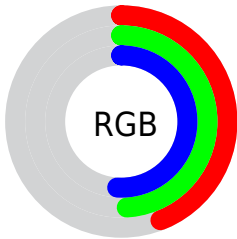
Format	Color
R_{YB}	113, 120, 130
Decimal	7437954
CIE Lab	51.89, -3.90, -3.81
CIE LCh	52, 5.447, 224.320
Yxy	20.0441, 0.2934, 0.3214
Android (android.graphics.Color)	4285628034 (0xFF717E82)
YUV	122.5690, 3.6635, -8.3920
Hunter-Lab	44.7706, -5.3859, -0.4750

Details

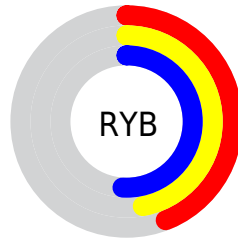
The XYZ color **18.3002, 20.0441, 24.0235** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5481, 18.6608, 18.2476**, and the grayscale version is **18.6759, 19.6485, 21.3972**.

A 20% lighter version of the original color is **40.1844, 43.6584, 51.1087**, and **6.3191, 7.0257, 8.8076** is the 20% darker color. If you saturate the color by 10%, you get **16.3612, 18.4734, 23.8228**, and if you desaturate by 10%, it is **20.4920, 21.7639, 24.2403**.

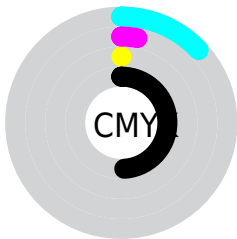
Distribution



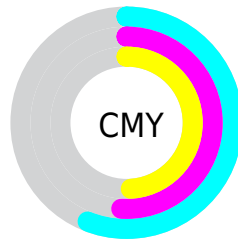
- Red (44%)
- Green (49%)
- Blue (51%)



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



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3002, 20.0441, 24.0235 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 18.3002, 20.0441, 24.0235 by changing the saturation by 10% instead.

■ 18.3002, 20.0441,
24.0235

■ 18.3002, 20.0441,
24.0235

235.5707,
252.1538, 286.2297

■ 11.2667, 12.4271,
15.1387

■ 40.0743, 43.4911,
51.0129

■ 6.3151, 7.0353,
8.7691

■ 55.5456, 60.0899,
69.9545

■ 3.0801, 3.4842,
4.4961

■ 74.5602, 80.4514,
93.0855

■ 1.1963, 1.3894,
1.9013

■ 97.4836, 104.9601,
120.8244

■ 0.1034, 0.2089,
0.4935

124.6809,
134.0002, 153.5897

■ 0.0000, 0.0000,
0.0000

156.5176,

167.9563, 191.8000

193.3591,
207.2127, 235.8738

■ 18.3002, 20.0441,
24.0235

■ 18.3002, 20.0441,
24.0235

■ 16.3612, 18.4734,
23.8228

■ 20.4920, 21.7639,
24.2403

■ 14.6629, 17.0439,
23.6364

■ 22.9444, 23.6354,
24.4722

■ 13.1949, 15.7505,
23.4642

■ 25.6671, 25.6643,
24.7204

■ 11.9455, 14.5871,
23.3054

■ 28.6688, 27.8553,
24.9850

■ 10.9016, 13.5467,
23.1596

■ 31.9578, 30.2127,
25.2667

■ 10.0489, 12.6219,
23.0261

■ 35.5419, 32.7407,
25.5658

■ 9.3710, 11.8039,
22.9039

■ 39.4288, 35.4435,
25.8826

■ 8.8484, 11.0826,
22.7922

■ 43.6259, 38.3249,
26.2176

■ 8.5315, 10.6160,
22.7189

■ 48.1401, 41.3888,
26.5710

Harmonies

Analogous

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



18.0389, 20.0441, 22.5870



18.3002, 20.0441, 24.0235



18.7652, 20.0441, 24.8917

Triad

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



18.3002, 20.0441, 24.0235



20.0942, 20.0441, 22.6585



18.7894, 20.0441, 19.0033

Complementary

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



18.3002, 20.0441, 24.0235



18.5481, 18.6608, 18.2476

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.



19.3403, 20.0441, 19.0204



18.3002, 20.0441, 24.0235



20.1009, 20.0441, 21.0796

Square

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



18.3002, 20.0441, 24.0235



19.8044, 20.0441, 24.0781



19.8227, 20.0441, 19.7642



18.3176, 20.0441, 19.7164

Rectangle

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



18.3002, 20.0441, 24.0235



19.1316, 20.0441, 25.0063



19.8227, 20.0441, 19.7642



18.9713, 20.0441, 18.9250

Sweetspot

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



18.3008, 20.0449, 24.0239



35.6754, 38.0083, 42.6485



18.0020, 20.7599, 19.8781



8.0151, 8.5565, 9.6475



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.



18.3008, 20.0449, 24.0239



31.0582, 34.3626, 42.1882



17.2634, 17.9701, 23.6781



4.3634, 4.7208, 5.4945



8.1855, 10.1896, 21.7853



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.8774, 18.0629, 22.2311



32.3108, 30.1249, 38.2785



19.5798, 20.7242, 18.5915



4.4563, 4.3957, 5.2071



11.0087, 5.4232, 11.9012



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.3002, 20.0441, 24.0235 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 18.3002, 20.0441, 24.0235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

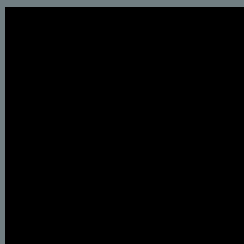
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

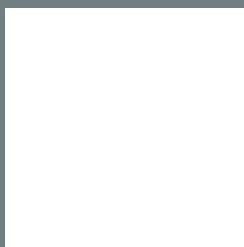
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3002, 20.0441, 24.0235

Background



This preview shows how black text looks on a background with the XYZ color 18.3002, 20.0441, 24.0235.



This preview shows how white text looks on a background with the XYZ color 18.3002, 20.0441,

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

18.3002, 20.0441, 24.0235

Protanopia

19.2914, 20.0095, 23.2675

Deuteranopia

20.3289, 19.9772, 24.2573



Tritanopia

18.6462, 19.9939, 25.7981

Trichromacy



Original Color

18.3002, 20.0441, 24.0235

Protanomaly

18.9158, 19.9934, 23.6310

Deuteranomaly

19.5137, 19.9177, 24.2888

Tritanomaly

18.5067, 19.9381, 25.0633

Monochromacy



Original Color

18.3002, 20.0441, 24.0235

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5813, 19.8436, 22.5895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3002, 20.0441, 24.0235 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(113, 126, 130)` looks like.

```
.text, #text, p{  
    color:rgb(113, 126, 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(113, 126, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 126, 130) }
```

Border

The CSS property to change the border of an element to XYZ 18.3002, 20.0441, 24.0235 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(113, 126, 130) }
```


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

```
.border{ border-color:rgb(113, 126, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 126, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 126, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 126, 130);  
box-shadow:4px 4px 4px 4px rgb(113, 126,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3002, 20.0441, 24.0235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 126, 130) }
```

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

```
.background{ background-color: rgb(113,  
126, 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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