

Converting Colors

XYZ(18.3222, 19.0782, 30.6330)

Have a look what the booklet for
XYZ(18.3222, 19.0782, 30.6330)
contains.

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Color

**XYZ(18.3682, 19.1830,
30.7515)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7A94
RGB	107, 122, 148
RGB Percent	42%, 48%, 58%
CMY	0.5804, 0.5216, 0.4196
CMYK	0.28, 0.18, 0.00, 0.42
HSL	218°, 16%, 50%
HSV	218°, 28%, 58%
XYZ	18.3682, 19.1830, 30.7515
YIQ	120.4790, -17.2860, 4.9060

Conversions

Conversions Part 2

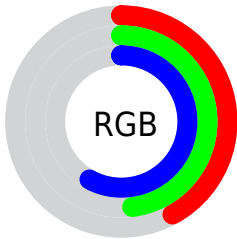
Format	Color
R_{YB}	107, 118, 148
Decimal	7043732
CIE _{Lab}	50.90, 0.71, -15.87
CIE _{LCh}	51, 15.890, 272.567
Yxy	19.1830, 0.2689, 0.2809
Android (android.graphics.Color)	4285233812 (0xFF6B7A94)
YUV	120.4790, 13.5679, -11.8211
Hunter-Lab	43.7984, -1.7878, -10.9695

Details

The XYZ color **18.3682, 19.1830, 30.7515** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.2542, 24.1325, 17.3427**, and the grayscale version is **17.9684, 18.9041, 20.5866**.

A 20% lighter version of the original color is **40.0948, 41.9073, 61.8528**, and **6.3514, 6.6602, 12.2600** is the 20% darker color. If you saturate the color by 10%, you get **15.6417, 16.1490, 30.3099**, and if you desaturate by 10%, it is **21.5118, 22.5982, 31.2453**.

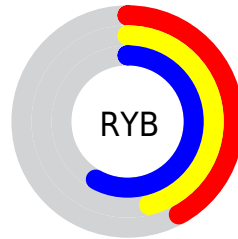
Distribution



Red (42%)

Green (48%)

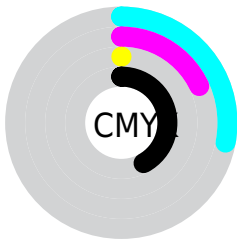
Blue (58%)



Red (42%)

Yellow (46%)

Blue (58%)

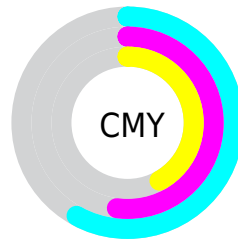


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (52%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3682, 19.1830, 30.7515 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 18.3682, 19.1830, 30.7515 by changing the saturation by 10% instead.

■ 18.3682, 19.1830,
30.7515

■ 18.3682, 19.1830,
30.7515

235.9439,
247.4572, 319.7075

■ 11.3159, 11.8026,
20.1528

■ 40.1889, 42.0431,
61.9236

■ 6.3486, 6.6094,
12.3210

■ 55.6881, 58.2916,
83.3341

■ 3.1009, 3.2190,
6.8375

■ 74.7336, 78.2648,
109.1856

■ 1.2073, 1.2471,
3.2838

■ 97.6908, 102.3473,
139.8967

■ 0.1121, 0.0997,
1.2413

124.9251,
130.9234, 175.8859

■ 0.0000, 0.0000,
0.0129

156.8019,

■ 0.0000, 0.0000,

164.3775, 217.5718

0.0000

193.6863,
203.0939, 265.3728

■ 18.3682, 19.1830,
30.7515

■ 18.3682, 19.1830,
30.7515

■ 15.6417, 16.1490,
30.3099

■ 21.5118, 22.5982,
31.2453

■ 13.3119, 13.4796,
29.9175

■ 25.0881, 26.4056,
31.7918

■ 11.3591, 11.1602,
29.5727

■ 29.1140, 30.6189,
32.3928

■ 9.7613, 9.1745,
29.2736

■ 33.6052, 35.2501,
33.0500

■ 8.4940, 7.5043,
29.0180

■ 38.5763, 40.3109,
33.7648

■ 7.5289, 6.1294,
28.8035

■ 44.0414, 45.8124,
34.5387

■ 6.8171, 5.0184,
28.6266

■ 50.0140, 51.7654,
35.3729

■ 6.6716, 4.7906,
28.5903

■ 56.5070, 58.1800,
36.2689

■ 63.5330, 65.0664,
37.2278

Harmonies

Analogous

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



16.8792, 19.1830, 29.5232



18.3682, 19.1830, 30.7515



19.9039, 19.1830, 29.0390

Triad

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



18.3682, 19.1830, 30.7515



20.8928, 19.1830, 16.5766



15.6865, 19.1830, 17.1573

Complementary

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



18.3682, 19.1830, 30.7515



23.2542, 24.1325, 17.3427

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.



16.6581, 19.1830, 14.4242



18.3682, 19.1830, 30.7515



19.6570, 19.1830, 14.1242

Square

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



18.3682, 19.1830, 30.7515



21.4127, 19.1830, 20.5028



18.0982, 19.1830, 13.3960



15.3846, 19.1830, 21.2760

Rectangle

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



18.3682, 19.1830, 30.7515



20.7325, 19.1830, 26.5854



18.0982, 19.1830, 13.3960



15.9427, 19.1830, 16.0673

Sweetspot

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



18.3688, 19.1838, 30.7519



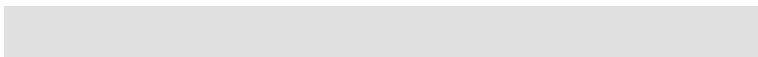
43.9603, 46.2680, 56.0482



20.8850, 25.9985, 26.0960



9.8233, 10.3380, 12.7625



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.3688, 19.1838, 30.7519



29.4579, 30.5797, 53.7845



17.3450, 16.1294, 30.2163



5.6629, 5.9598, 7.3216



5.7228, 4.1404, 24.4286



0.0964, 0.1034, 0.3078

Inverse Universe

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



20.9837, 18.2169, 20.8235



34.8905, 28.8249, 33.1009



24.4911, 28.0397, 18.0317



5.8833, 5.8484, 6.4915



11.0157, 5.6113, 3.5636



0.1481, 0.0740, 0.1136

Previews

White Background



This preview shows how the XYZ color 18.3682, 19.1830, 30.7515 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 18.3682, 19.1830, 30.7515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

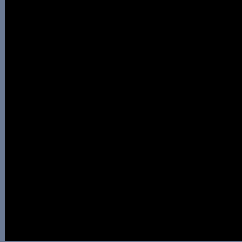
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

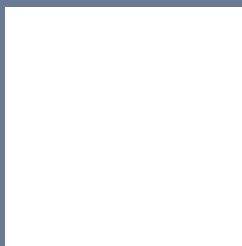
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3682, 19.1830, 30.7515

Background



This preview shows how black text looks on a background with the XYZ color 18.3682, 19.1830, 30.7515.



This preview shows how white text looks on a background with the XYZ color 18.3682, 19.1830,

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

18.3682, 19.1830, 30.7515

Protanopia

19.0532, 19.1844, 30.3025

Deuteranopia

19.5110, 19.0487, 31.0822



Tritanopia

17.2196, 19.0796, 25.3294

Trichromacy



Original Color

18.3682, 19.1830, 30.7515

Protanomaly

18.7859, 19.2261, 30.3246

Deuteranomaly

19.0919, 19.0084, 31.0965

Tritanomaly

17.5689, 19.0333, 27.1739

Monochromacy



Original Color

18.3682, 19.1830, 30.7515

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9369, 18.9313, 23.8278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3682, 19.1830, 30.7515 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(107, 122, 148)` looks like.

```
.text, #text, p{  
    color:rgb(107, 122, 148)  
}
```

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(107, 122, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 122, 148) }
```

Border

The CSS property to change the border of an element to XYZ 18.3682, 19.1830, 30.7515 is called "border". The border property can be set on classes, ids or directly on the HTML element.

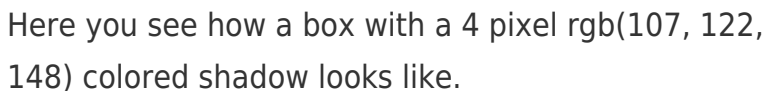
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 122, 148) }
```


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

```
.border{ border-color:rgb(107, 122, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 122, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 122, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 122, 148); box-shadow:4px 4px 4px 4px rgb(107, 122, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3682, 19.1830, 30.7515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 122, 148) }
```

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

```
.background{ background-color: rgb(107,  
122, 148) }
```

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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