

Converting Colors

XYZ(18.2143, 18.1326, 23.5135)

Have a look what the booklet for
XYZ(18.2143, 18.1326, 23.5135)
contains.

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Color

**XYZ(18.3007, 18.2401,
23.6752)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7482
RGB	122, 116, 130
RGB Percent	48%, 45%, 51%
CMY	0.5216, 0.5451, 0.4902
CMYK	0.06, 0.11, 0.00, 0.49
HSL	266°, 6%, 48%
HSV	266°, 11%, 51%
XYZ	18.3007, 18.2401, 23.6752
YIQ	119.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

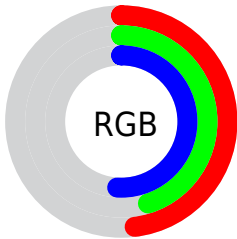
Format	Color
R _Y B	122, 116, 130
Decimal	8025218
CIE Lab	49.79, 5.16, -6.84
CIE LCh	50, 8.570, 307.033
Yxy	18.2401, 0.3039, 0.3029
Android (android.graphics.Color)	4286215298 (0xFF7A7482)
YUV	119.3900, 5.2307, 2.2890
Hunter-Lab	42.7084, 1.7481, -2.9712

Details

The XYZ color **18.3007, 18.2401, 23.6752** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4479, 21.5118, 19.6511**, and the grayscale version is **17.6428, 18.5616, 20.2136**.

A 20% lighter version of the original color is **40.0054, 40.4228, 50.4936**, and **6.3000, 6.1448, 8.6386** is the 20% darker color. If you saturate the color by 10%, you get **15.8938, 14.9287, 23.1632**, and if you desaturate by 10%, it is **20.9988, 22.0140, 24.2617**.

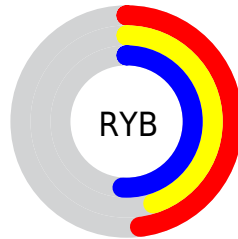
Distribution



Red (48%)

Green (45%)

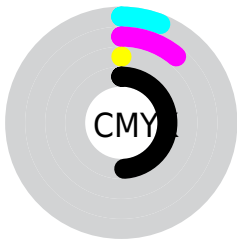
Blue (51%)



Red (48%)

Yellow (45%)

Blue (51%)

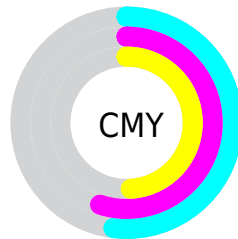


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (49%)



Cyan (52%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3007, 18.2401, 23.6752 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 18.3007, 18.2401, 23.6752 by changing the saturation by 10% instead.

■ 18.3007, 18.2401,
23.6752

■ 18.3007, 18.2401,
23.6752

235.5735,
242.2209, 284.4077

■ 11.2671, 11.1225,
14.8829

■ 40.0751, 40.4460,
50.4368

■ 6.3154, 6.1493,
8.5915

■ 55.5466, 56.3031,
69.2432

■ 3.0803, 2.9361,
4.3826

■ 74.5615, 75.8422,
92.2247

■ 1.1964, 1.0984,
1.8375

■ 97.4851, 99.4477,
119.7999

■ 0.1035, 0.0000,
0.4525

124.6827,
127.5039, 152.3872

■ 0.0000, 0.0000,
0.0000

156.5197,

160.3952, 190.4053

193.3615,
198.5061, 234.2726

■ 18.3007, 18.2401,
23.6752

■ 18.3007, 18.2401,
23.6752

■ 15.8938, 14.9287,
23.1632

■ 20.9988, 22.0140,
24.2617

■ 13.7662, 12.0591,
22.7214

■ 23.9964, 26.2653,
24.9243

■ 11.9071, 9.6128,
22.3472

■ 27.3035, 31.0110,
25.6660

■ 10.3048, 7.5687,
22.0371

■ 30.9290, 36.2666,
26.4894

■ 8.9462, 5.9040,
21.7874

■ 34.8816, 42.0471,
27.3968

7.8173, 4.5936,
21.5940

39.1694, 48.3666,
28.3906

6.9023, 3.6089,
21.4521

43.8005, 55.2388,
29.4730

6.1830, 2.9172,
21.3565

48.7825, 62.6769,
30.6461

5.6437, 2.4440,
21.2936

54.1228, 70.6936,
31.9120

Harmonies

Analogous

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



17.5298, 18.2401, 24.6717



18.3007, 18.2401, 23.6752



18.8246, 18.2401, 21.6693

Triad

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



18.3007, 18.2401, 23.6752



17.9573, 18.2401, 15.9971



15.8229, 18.2401, 20.4167

Complementary

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



18.3007, 18.2401, 23.6752



19.4479, 21.5118, 19.6511

Split Complementary

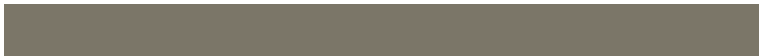
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.9293, 18.2401, 18.1550



18.3007, 18.2401, 23.6752



17.1449, 18.2401, 15.7192

Square

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



18.3007, 18.2401, 23.6752



18.6220, 18.2401, 17.2706



16.4071, 18.2401, 16.4791



16.1119, 18.2401, 22.6969

Rectangle

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



18.3007, 18.2401, 23.6752



18.9543, 18.2401, 20.0943



16.4071, 18.2401, 16.4791



15.8138, 18.2401, 19.6282

Sweetspot

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



18.3012, 18.2409, 23.6756



35.8411, 37.1658, 42.4772



18.4610, 19.7825, 23.9647



8.0319, 8.2993, 9.5969



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.



18.3012, 18.2409, 23.6756



31.1106, 30.5737, 41.4541



19.3032, 18.7574, 23.7225



4.2700, 4.2948, 5.4172



5.4189, 2.3473, 20.4174



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.0901, 18.6927, 21.6716



32.8078, 31.5462, 37.1267



18.4942, 21.0201, 19.6065



4.4227, 4.3822, 5.0302



10.0253, 5.0298, 6.7228



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.3007, 18.2401, 23.6752 looks on a white 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

Black Background



This preview shows how the XYZ color 18.3007, 18.2401, 23.6752 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 18.3007, 18.2401, 23.6752

Background



This preview shows how black text looks on a background with the XYZ color 18.3007, 18.2401, 23.6752.



This preview shows how white text looks on a background with the XYZ color 18.3007, 18.2401,

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

18.3007, 18.2401, 23.6752

Protanopia

17.9113, 18.3775, 24.0759

Deuteranopia

18.4722, 18.1583, 23.6504



Tritanopia

18.0123, 18.2939, 22.3204

Trichromacy



Original Color

18.3007, 18.2401, 23.6752

Protanomaly

18.0658, 18.2832, 24.0496

Deuteranomaly

18.3284, 18.0841, 23.6437

Tritanomaly

18.0772, 18.3198, 22.6620

Monochromacy



Original Color

18.3007, 18.2401, 23.6752

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.7993, 18.3800, 21.3485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3007, 18.2401, 23.6752 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(122, 116, 130)` looks like.

```
.text, #text, p{  
    color:rgb(122, 116, 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(122, 116, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 116, 130) }
```

Border

The CSS property to change the border of an element to XYZ 18.3007, 18.2401, 23.6752 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(122, 116, 130) }
```


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

```
.border{ border-color:rgb(122, 116, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 116, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 116, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 116, 130);  
box-shadow:4px 4px 4px 4px rgb(122, 116,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3007, 18.2401, 23.6752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 116, 130) }
```

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

```
.background{ background-color: rgb(122,  
116, 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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