

Converting Colors

XYZ(18.3393, 18.7591, 28.2554)

Have a look what the booklet for
XYZ(18.3393, 18.7591, 28.2554)
contains.

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Color

**XYZ(18.2894, 18.6574,
28.2285)**

Conversions

Conversions Part 1

Format	Color
Hex	71778E
RGB	113, 119, 142
RGB Percent	44%, 47%, 56%
CMY	0.5569, 0.5333, 0.4431
CMYK	0.20, 0.16, 0.00, 0.44
HSL	228°, 11%, 50%
HSV	228°, 20%, 56%
XYZ	18.2894, 18.6574, 28.2285
YIQ	119.8280, -10.9590, 5.8810

Conversions

Conversions Part 2

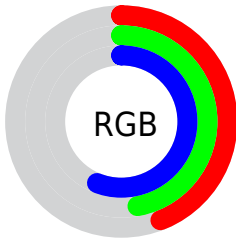
Format	Color
R_{YB}	113, 118, 142
Decimal	7436174
CIE _{Lab}	50.28, 2.96, -13.25
CIE _{LCh}	50, 13.571, 282.580
Yxy	18.6574, 0.2806, 0.2863
Android (android.graphics.Color)	4285626254 (0xFF71778E)
YUV	119.8280, 10.9308, -5.9882
Hunter-Lab	43.1942, -0.0090, -8.5116

Details

The XYZ color **18.2894, 18.6574, 28.2285** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.9403, 24.5514, 19.1531**, and the grayscale version is **17.7669, 18.6922, 20.3558**.

A 20% lighter version of the original color is **40.0438, 41.1107, 58.0492**, and **6.3650, 6.4030, 11.0256** is the 20% darker color. If you saturate the color by 10%, you get **15.3418, 15.2651, 27.7294**, and if you desaturate by 10%, it is **21.6829, 22.5162, 28.7948**.

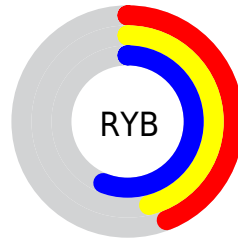
Distribution



Red (44%)

Green (47%)

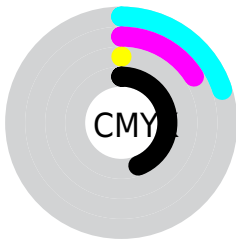
Blue (56%)



Red (44%)

Yellow (46%)

Blue (56%)

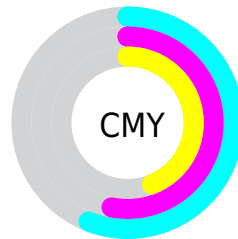


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2894, 18.6574, 28.2285 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 18.2894, 18.6574, 28.2285 by changing the saturation by 10% instead.

■ 18.2894, 18.6574,
28.2285

■ 18.2894, 18.6574,
28.2285

235.5114,
244.5508, 307.5034

■ 11.2589, 11.4230,
18.2574

■ 40.0561, 41.1544,
57.8765

■ 6.3098, 6.3521,
10.9636

■ 55.5230, 57.1857,
78.3906

■ 3.0768, 3.0603,
5.9285

■ 74.5327, 76.9182,
103.2560

■ 1.1945, 1.1633,
2.7336

■ 97.4506, 100.7361,
132.8914

■ 0.1020, 0.0314,
0.9603

124.6421,
129.0240, 167.7153

■ 0.0000, 0.0000,
0.0000

156.4725,

162.1661, 208.1463

193.3071,
200.5469, 254.6028

■ 18.2894, 18.6574,
28.2285

■ 18.2894, 18.6574,
28.2285

■ 15.3418, 15.2651,
27.7294

■ 21.6829, 22.5162,
28.7948

■ 12.8196, 12.3193,
27.2937

■ 25.5381, 26.8562,
29.4293

■ 10.7031, 9.8015,
26.9193

■ 29.8724, 31.6942,
30.1347

■ 8.9706, 7.6914,
26.6033

■ 34.7015, 37.0454,
30.9130

■ 7.5981, 5.9666,
26.3427

■ 40.0407, 42.9245,
31.7664

■ 6.5589, 4.6028,
26.1343

■ 45.9042, 49.3455,
32.6967

■ 5.8221, 3.5724,
25.9742

■ 52.3061, 56.3219,
33.7059

■ 5.3314, 2.8508,
25.8608

■ 59.2596, 63.8668,
34.7957

■ 66.7776, 71.9927,
35.9679

Harmonies

Analogous

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



16.9875, 18.6574, 28.0320



18.2894, 18.6574, 28.2285



19.4987, 18.6574, 26.1233

Triad

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



18.2894, 18.6574, 28.2285



19.6599, 18.6574, 15.8008



15.4298, 18.6574, 18.2242

Complementary

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



18.2894, 18.6574, 28.2285



22.9403, 24.5514, 19.1531

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.



16.0778, 18.6574, 15.4381



18.2894, 18.6574, 28.2285



18.5006, 18.6574, 14.1623

Square

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



18.2894, 18.6574, 28.2285



20.3158, 18.6574, 18.7789



17.1886, 18.6574, 14.0383



15.3795, 18.6574, 21.9321

Rectangle

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



18.2894, 18.6574, 28.2285



20.0723, 18.6574, 23.8331



17.1886, 18.6574, 14.0383



15.5834, 18.6574, 17.1609

Sweetspot

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



18.2900, 18.6582, 28.2289



41.0550, 42.8877, 51.2422



20.9073, 24.6266, 26.8390



9.0877, 9.4866, 11.4316



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.2900, 18.6582, 28.2289



29.5061, 29.7509, 49.3152



18.7036, 17.8444, 28.0500



5.2144, 5.4246, 6.8010



4.7982, 2.5825, 23.2227



0.0591, 0.0511, 0.2264

Inverse Universe

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



20.3907, 18.8935, 20.0257



33.9990, 30.3448, 31.7507



22.4510, 25.5892, 19.3792



5.4517, 5.4412, 5.8767



10.2250, 5.2470, 1.5705



0.1044, 0.0528, 0.0502

Previews

White Background



This preview shows how the XYZ color 18.2894, 18.6574, 28.2285 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 18.2894, 18.6574, 28.2285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

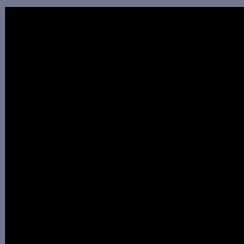
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

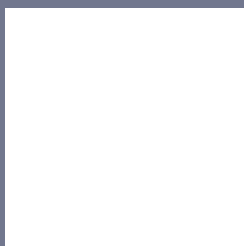
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2894, 18.6574, 28.2285

Background



This preview shows how black text looks on a background with the XYZ color 18.2894, 18.6574, 28.2285.

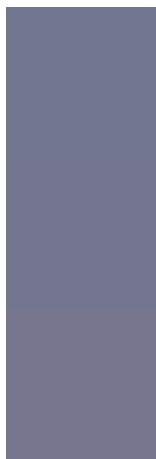


This preview shows how white text looks on a background with the XYZ color 18.2894, 18.6574,

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

18.2894, 18.6574, 28.2285

Protanopia

18.4311, 18.5547, 28.2012

Deuteranopia

18.9895, 18.6686, 28.1937



Tritanopia

17.4897, 18.6929, 24.1590

Trichromacy



Original Color

18.2894, 18.6574, 28.2285

Protanomaly

18.3003, 18.4873, 28.1951

Deuteranomaly

18.6970, 18.6918, 28.2136

Tritanomaly

17.7717, 18.6270, 25.5804

Monochromacy



Original Color

18.2894, 18.6574, 28.2285

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9489, 18.7734, 23.0997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2894, 18.6574, 28.2285 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, 119, 142)` looks like.

```
.text, #text, p{  
    color:rgb(113, 119, 142)  
}
```

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, 119, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 119, 142) }
```

Border

The CSS property to change the border of an element to XYZ 18.2894, 18.6574, 28.2285 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, 119, 142) }
```


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

```
.border{ border-color:rgb(113, 119, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 119, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 119, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 119, 142);  
box-shadow:4px 4px 4px 4px rgb(113, 119,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2894, 18.6574, 28.2285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 119, 142) }
```

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

```
.background{ background-color: rgb(113,  
119, 142) }
```

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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