

Converting Colors

XYZ(14.9640, 18.8062, 23.0083)

Have a look what the booklet for
XYZ(14.9640, 18.8062, 23.0083)
contains.

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Color

**XYZ(14.8582, 18.6761,
22.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	50807F
RGB	80, 128, 127
RGB Percent	31%, 50%, 50%
CMY	0.6863, 0.4980, 0.5020
CMYK	0.37, 0.00, 0.01, 0.50
HSL	179°, 23%, 41%
HSV	179°, 37%, 50%
XYZ	14.8582, 18.6761, 22.9004
YIQ	113.5340, -28.2870, -10.4870

Conversions

Conversions Part 2

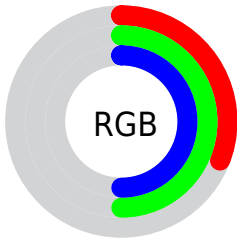
Format	Color
R_{YB}	80, 104, 128
Decimal	5275775
CIE _{Lab}	50.31, -16.45, -4.62
CIE _{LCh}	50, 17.091, 195.677
Yxy	18.6761, 0.2633, 0.3309
Android (android.graphics.Color)	4283465855 (0xFF50807F)
YUV	113.5340, 6.6387, -29.4093
Hunter-Lab	43.2159, -14.2570, -1.1671

Details

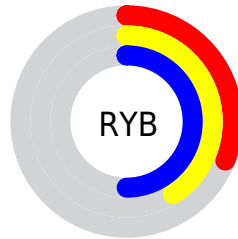
The XYZ color **14.8582, 18.6761, 22.9004** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.2566, 10.9212, 9.1946**, and the grayscale version is **15.8422, 16.6672, 18.1506**.

A 20% lighter version of the original color is **34.2778, 41.2486, 49.3352**, and **4.7065, 6.4180, 8.1985** is the 20% darker color. If you saturate the color by 10%, you get **13.8615, 18.1648, 22.7634**, and if you desaturate by 10%, it is **16.0620, 19.2951, 23.0481**.

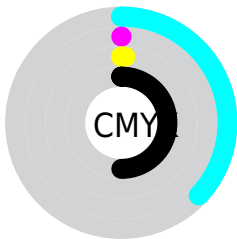
Distribution



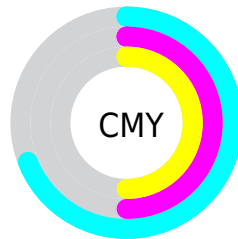
- Red (31%)
- Green (50%)
- Blue (50%)



- Red (31%)
- Yellow (41%)
- Blue (50%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (50%)



- Cyan (69%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8582, 18.6761, 22.9004 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 14.8582, 18.6761, 22.9004 by changing the saturation by 10% instead.

■ 14.8582, 18.6761,
22.9004

■ 14.8582, 18.6761,
22.9004

215.9118,
244.6548, 280.3183

■ 8.8056, 11.4365,
14.3154

■ 34.1779, 41.1861,
49.1509

■ 4.6707, 6.3612,
8.1991

■ 48.1758, 57.2252,
67.6534

■ 2.0881, 3.0659,
4.1330

■ 65.5527, 76.9663,
90.2988

■ 0.6827, 1.1663,
1.6986

■ 86.6742, 100.7937,
117.5056

■ 0.0000, 0.0339,
0.3598

■ 111.9054,
129.0919, 149.6925

■ 0.0000, 0.0000,
0.0000

141.6119,

162.2452, 187.2778

176.1589,
200.6380, 230.6803

■ 14.8582, 18.6761,
22.9004

■ 14.8582, 18.6761,
22.9004

■ 13.8615, 18.1648,
22.7634

■ 16.0620, 19.2951,
23.0481

■ 13.0585, 17.7528,
22.6353

■ 17.4820, 20.0251,
23.2058

■ 12.4369, 17.4343,
22.5160

■ 19.1288, 20.8721,
23.3743

■ 11.9821, 17.2019,
22.4047

■ 21.0119, 21.8408,
23.5542

■ 11.6775, 17.0469,
22.3007

■ 23.1401, 22.9359,
23.7457

■ 11.4867, 16.9505,
22.2022

■ 25.5219, 24.1617,
23.9494

■ 11.4424, 16.9281,
22.1778

■ 28.1653, 25.5224,
24.1655

■ 31.0780, 27.0219,
24.3945

■ 34.2674, 28.6640,
24.6367

Harmonies

Analogous

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



14.8409, 18.6761, 18.1613



14.8582, 18.6761, 22.9004



15.6178, 18.6761, 27.5824

Triad

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



14.8582, 18.6761, 22.9004



20.1281, 18.6761, 27.3961



18.5506, 18.6761, 12.7167

Complementary

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



14.8582, 18.6761, 22.9004



13.2566, 10.9212, 9.1946

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.



20.0703, 18.6761, 14.4834



14.8582, 18.6761, 22.9004



21.0188, 18.6761, 22.6757

Square

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



14.8582, 18.6761, 22.9004



18.6256, 18.6761, 30.4404



20.9970, 18.6761, 17.9689



16.9044, 18.6761, 12.7575

Rectangle

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



14.8582, 18.6761, 22.9004



16.4715, 18.6761, 29.8292



20.9970, 18.6761, 17.9689



19.0953, 18.6761, 13.1052

Sweetspot

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



14.8587, 18.6768, 22.9008



32.5417, 36.1627, 41.0389



12.6127, 17.7942, 10.3597



7.5428, 8.4275, 9.6006



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.



14.8587, 18.6768, 22.9008



24.6396, 32.1014, 40.1114



12.3180, 13.4904, 22.3775



4.4427, 4.8854, 5.5024



11.3456, 16.7848, 21.9903



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.2566, 10.9212, 9.1946



21.3919, 16.3753, 12.3240



15.1415, 14.7506, 9.6390



4.3311, 4.3456, 4.5482



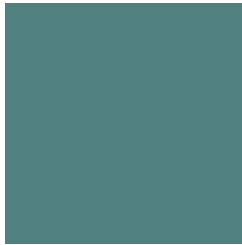
8.8416, 4.5563, 0.4898



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8582, 18.6761, 22.9004 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 14.8582, 18.6761, 22.9004 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 14.8582, 18.6761, 22.9004

Background



This preview shows how black text looks on a background with the XYZ color 14.8582, 18.6761, 22.9004.



This preview shows how white text looks on a background with the XYZ color 14.8582, 18.6761,

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

14.8582, 18.6761, 22.9004

Protanopia

17.9332, 18.6391, 20.7417

Deuteranopia

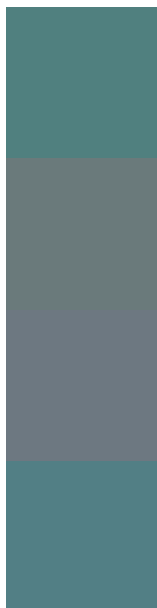
18.8788, 18.5381, 23.7023



Tritanopia

15.6720, 18.8239, 26.4743

Trichromacy



Original Color

14.8582, 18.6761, 22.9004

Protanomaly

16.4785, 18.4133, 21.4245

Deuteranomaly

16.9856, 18.2691, 23.3999

Tritanomaly

15.3027, 18.6660, 24.9867

Monochromacy



Original Color

14.8582, 18.6761, 22.9004

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4061, 17.3503, 19.9897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8582, 18.6761, 22.9004 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(80, 128, 127) looks like.

```
.text, #text, p{  
    color:rgb(80, 128, 127)  
}
```

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(80, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 128, 127) }
```

Border

The CSS property to change the border of an element to XYZ 14.8582, 18.6761, 22.9004 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(80, 128, 127) }
```


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

```
.border{ border-color:rgb(80, 128, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 128, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(80, 128,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8582, 18.6761, 22.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 128, 127) }
```

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

```
.background{ background-color: rgb(80, 128,  
127) }
```

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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