

Converting Colors

XYZ(14.9468, 18.6648, 27.6633)

Have a look what the booklet for
XYZ(14.9468, 18.6648, 27.6633)
contains.

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Color

**XYZ(14.9070, 18.5970,
27.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	45808C
RGB	69, 128, 140
RGB Percent	27%, 50%, 55%
CMY	0.7294, 0.4980, 0.4510
CMYK	0.51, 0.09, 0.00, 0.45
HSL	190°, 34%, 41%
HSV	190°, 51%, 55%
XYZ	14.9070, 18.5970, 27.6148
YIQ	111.7270, -39.0160, -8.7760

Conversions

Conversions Part 2

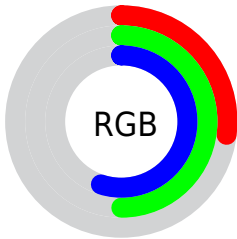
Format	Color
R_{YB}	69, 101, 140
Decimal	4554892
CIE _{Lab}	50.21, -15.76, -12.44
CIE _{LCh}	50, 20.074, 218.288
Yxy	18.5970, 0.2439, 0.3043
Android (android.graphics.Color)	4282744972 (0xFF45808C)
YUV	111.7270, 13.9386, -37.4716
Hunter-Lab	43.1242, -13.7643, -7.7797

Details

The XYZ color **14.9070, 18.5970, 27.6148** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.8321, 11.8902, 7.1440**, and the grayscale version is **15.2903, 16.0866, 17.5183**.

A 20% lighter version of the original color is **34.2875, 41.0804, 57.1611**, and **4.7166, 6.3689, 10.6536** is the 20% darker color. If you saturate the color by 10%, you get **13.7238, 17.5346, 27.4724**, and if you desaturate by 10%, it is **16.3329, 19.7960, 27.7714**.

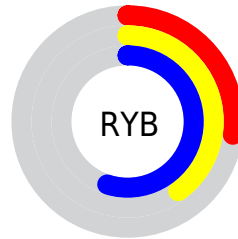
Distribution



Red (27%)

Green (50%)

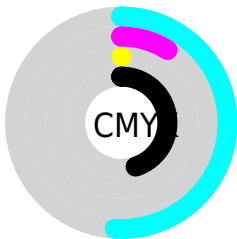
Blue (55%)



Red (27%)

Yellow (40%)

Blue (55%)

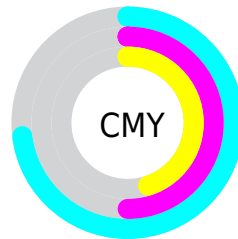


Cyan (51%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9070, 18.5970, 27.6148 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 14.9070, 18.5970, 27.6148 by changing the saturation by 10% instead.

■ 14.9070, 18.5970,
27.6148

■ 14.9070, 18.5970,
27.6148

216.2022,
244.2148, 304.4755

■ 8.8400, 11.3794,
17.7990

■ 34.2629, 41.0520,
56.8845

■ 4.6933, 6.3227,
10.6378

■ 48.2826, 57.0582,
77.1755

■ 2.1013, 3.0423,
5.7128

■ 65.6839, 76.7628,
101.7954

■ 0.6899, 1.1538,
2.6053

■ 86.8322, 100.5502,
131.1625

■ 0.0000, 0.0235,
0.8952

■ 112.0928,
128.8046, 165.6956

■ 0.0000, 0.0000,
0.0000

141.8311,

161.9107, 205.8131

176.4125,
200.2526, 251.9335

■ 14.9070, 18.5970,
27.6148

■ 14.9070, 18.5970,
27.6148

■ 13.7238, 17.5346,
27.4724

■ 16.3329, 19.7960,
27.7714

■ 12.7648, 16.5980,
27.3422

■ 18.0149, 21.1374,
27.9417

■ 12.0115, 15.7780,
27.2236

■ 19.9675, 22.6291,
28.1267

■ 11.4417, 15.0631,
27.1157

■ 22.2036, 24.2778,
28.3271

■ 11.0185, 14.4630,
27.0221

■ 24.7352, 26.0898,
28.5434

■ 27.5736, 28.0711,
28.7762

■ 30.7296, 30.2271,
29.0260

■ 34.2133, 32.5633,
29.2933

■ 38.0346, 35.0847,
29.5786

Harmonies

Analogous

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



14.2360, 18.5970, 21.8280



14.9070, 18.5970, 27.6148



16.3317, 18.5970, 31.8824

Triad

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



14.9070, 18.5970, 27.6148



21.3724, 18.5970, 24.4633



17.1437, 18.5970, 11.4113

Complementary

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



14.9070, 18.5970, 27.6148



14.8321, 11.8902, 7.1440

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.



19.0919, 18.5970, 11.8580



14.9070, 18.5970, 27.6148



21.6296, 18.5970, 18.7480

Square

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



14.9070, 18.5970, 27.6148



20.0891, 18.5970, 29.8437



20.7680, 18.5970, 14.3254



15.4641, 18.5970, 12.9687

Rectangle

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



14.9070, 18.5970, 27.6148



17.5647, 18.5970, 32.9126



20.7680, 18.5970, 14.3254



17.7876, 18.5970, 11.3386

Sweetspot

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



14.9076, 18.5977, 27.6152



37.2674, 41.4293, 49.7754



13.3117, 20.6133, 11.0295



8.4193, 9.4222, 11.4544



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.



14.9076, 18.5977, 27.6152



23.9040, 30.6399, 48.3972



11.0734, 10.9294, 26.3372



5.1021, 5.5472, 6.4077



9.8026, 12.8755, 24.0143



0.0739, 0.1032, 0.1625

Inverse Universe

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



16.8401, 11.3907, 21.7339



27.8522, 16.9091, 36.1583



18.1737, 18.5733, 8.2578



5.1982, 5.1147, 6.1321



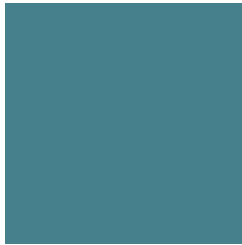
12.4347, 6.0840, 15.3254



0.0871, 0.0422, 0.1253

Previews

White Background



This preview shows how the XYZ color 14.9070, 18.5970, 27.6148 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 14.9070, 18.5970, 27.6148 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

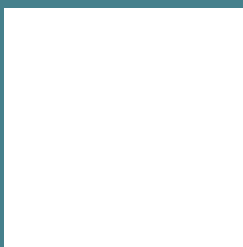
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9070, 18.5970, 27.6148

Background



This preview shows how black text looks on a background with the XYZ color 14.9070, 18.5970, 27.6148.

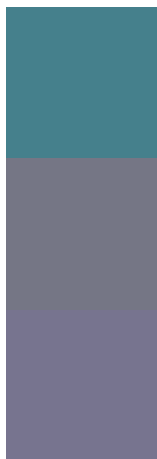


This preview shows how white text looks on a background with the XYZ color 14.9070, 18.5970,

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

14.9070, 18.5970, 27.6148

Protanopia

18.0482, 18.4322, 24.7968

Deuteranopia

18.8111, 18.3959, 28.5459



Tritanopia

14.8336, 18.5676, 27.2282

Trichromacy



Original Color

14.9070, 18.5970, 27.6148

Protanomaly

16.6590, 18.4060, 25.9672

Deuteranomaly

16.9658, 18.1526, 28.2008

Tritanomaly

14.8336, 18.5676, 27.2282

Monochromacy



Original Color

14.9070, 18.5970, 27.6148

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8152, 16.8488, 20.8837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9070, 18.5970, 27.6148 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(69, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(69, 128, 140)  
}
```

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(69, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 128, 140) }
```

Border

The CSS property to change the border of an element to XYZ 14.9070, 18.5970, 27.6148 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(69, 128, 140) }
```


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

```
.border{ border-color:rgb(69, 128, 140) }
```

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

Here you see how a box with a 4 pixel rgb(69, 128, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 128, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 128, 140);  
box-shadow:4px 4px 4px 4px rgb(69, 128,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9070, 18.5970, 27.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 128, 140) }
```

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

```
.background{ background-color: rgb(69, 128,  
140) }
```

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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