

Converting Colors

XYZ(14.2315, 17.7305, 27.8243)

Have a look what the booklet for
XYZ(14.2315, 17.7305, 27.8243)
contains.

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Color

**XYZ(14.1912, 17.6471,
27.8576)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7D8D
RGB	63, 125, 141
RGB Percent	25%, 49%, 55%
CMY	0.7529, 0.5098, 0.4471
CMYK	0.55, 0.11, 0.00, 0.45
HSL	192°, 38%, 40%
HSV	192°, 55%, 55%
XYZ	14.1912, 17.6471, 27.8576
YIQ	108.2860, -42.0880, -8.1680

Conversions

Conversions Part 2

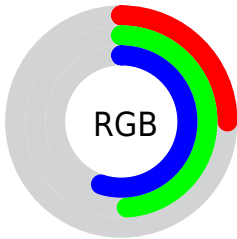
Format	Color
R_{YB}	63, 98, 141
Decimal	4160909
CIE _{Lab}	49.07, -15.20, -14.79
CIE _{LCh}	49, 21.204, 224.211
Yxy	17.6471, 0.2377, 0.2956
Android (android.graphics.Color)	4282350989 (0xFF3F7D8D)
YUV	108.2860, 16.1280, -39.7158
Hunter-Lab	42.0085, -13.2143, -9.9118

Details

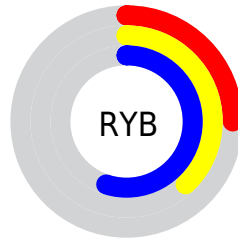
The XYZ color **14.1912, 17.6471, 27.8576** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.6780, 11.6139, 6.1711**, and the grayscale version is **14.2992, 15.0439, 16.3828**.

A 20% lighter version of the original color is **33.1068, 39.5628, 57.5212**, and **4.4728, 5.9242, 10.8053** is the 20% darker color. If you saturate the color by 10%, you get **13.0428, 16.5198, 27.7009**, and if you desaturate by 10%, it is **15.5821, 18.9160, 28.0295**.

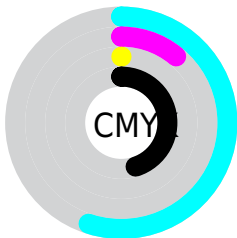
Distribution



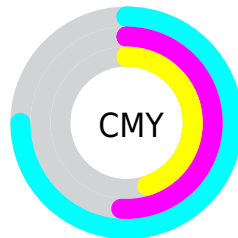
- Red (25%)
- Green (49%)
- Blue (55%)



- Red (25%)
- Yellow (38%)
- Blue (55%)



- Cyan (55%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (75%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1912, 17.6471, 27.8576 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 14.1912, 17.6471, 27.8576 by changing the saturation by 10% instead.

■ 14.1912, 17.6471,
27.8576

■ 14.1912, 17.6471,
27.8576

211.9040,
238.8743, 305.6763

■ 8.3364, 10.6969,
17.9802

■ 33.0113, 39.4351,
57.2774

■ 4.3645, 5.8634,
10.7665

■ 46.7073, 55.0416,
77.6569

■ 1.9104, 2.7622,
5.7979

■ 63.7478, 74.3025,
102.3742

■ 0.5828, 1.0089,
2.6558

■ 84.4980, 97.6020,
131.8478

■ 0.0000, 0.0000,
0.9210

■ 109.3234,
125.3245, 166.4963

■ 0.0000, 0.0000,
0.0000

138.5893,

157.8545, 206.7382

172.6610,
195.5763, 252.9920

■ 14.1912, 17.6471,
27.8576

■ 14.1912, 17.6471,
27.8576

■ 13.0428, 16.5198,
27.7009

■ 15.5821, 18.9160,
28.0295

■ 12.1170, 15.5226,
27.5572

■ 17.2299, 20.3329,
28.2162

■ 11.3938, 14.6453,
27.4260

■ 19.1499, 21.9063,
28.4187

■ 10.8441, 13.8730,
27.3059

■ 21.3558, 23.6432,
28.6377

■ 10.6107, 13.5290,
27.2518

■ 23.8601, 25.5503,
28.8738

■ 26.6748, 27.6339,
29.1276

■ 29.8111, 29.8999,
29.3997

■ 33.2797, 32.3539,
29.6905

■ 37.0906, 35.0012,
30.0007

Harmonies

Analogous

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



13.3487, 17.6471, 22.0155



14.1912, 17.6471, 27.8576



15.7590, 17.6471, 31.7219

Triad

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



14.1912, 17.6471, 27.8576



20.7068, 17.6471, 22.3345



15.8563, 17.6471, 10.4696

Complementary

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



14.1912, 17.6471, 27.8576



14.6780, 11.6139, 6.1711

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.



17.8297, 17.6471, 10.5215



14.1912, 17.6471, 27.8576



20.7380, 17.6471, 16.6621

Square

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



14.1912, 17.6471, 27.8576



19.5682, 17.6471, 28.1304



19.6504, 17.6471, 12.5745



14.2576, 17.6471, 12.4152

Rectangle

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



14.1912, 17.6471, 27.8576



17.0539, 17.6471, 32.2580



19.6504, 17.6471, 12.5745



16.4952, 17.6471, 10.2681

Sweetspot

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



14.1918, 17.6478, 27.8580



37.3928, 41.6794, 51.2020



12.9719, 20.6656, 10.6266



8.1967, 9.1880, 11.4209



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.



14.1918, 17.6478, 27.8580



22.9775, 29.1905, 49.5512



10.2179, 9.6999, 26.5334



5.4676, 5.9311, 6.8854



9.6862, 12.3585, 24.8520



0.1079, 0.1488, 0.2427

Inverse Universe

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



16.4641, 10.6988, 20.6001



27.6531, 16.1269, 34.3403



18.3135, 18.8849, 7.3830



5.5795, 5.4923, 6.5497



12.6923, 6.2339, 14.5628



0.1291, 0.0627, 0.1799

Previews

White Background



This preview shows how the XYZ color 14.1912, 17.6471, 27.8576 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 14.1912, 17.6471, 27.8576 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

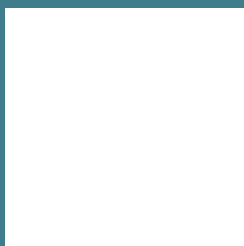
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1912, 17.6471, 27.8576

Background



This preview shows how black text looks on a background with the XYZ color 14.1912, 17.6471, 27.8576.

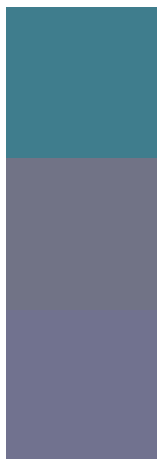


This preview shows how white text looks on a background with the XYZ color 14.1912, 17.6471,

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

14.1912, 17.6471, 27.8576

Protanopia

17.2439, 17.4934, 25.0220

Deuteranopia

17.7853, 17.5285, 28.4326



Tritanopia

13.8293, 17.6914, 25.9785

Trichromacy



Original Color

14.1912, 17.6471, 27.8576

Protanomaly

15.8315, 17.4327, 26.1973

Deuteranomaly

16.0802, 17.3428, 28.0912

Tritanomaly

14.0349, 17.7808, 26.7371

Monochromacy



Original Color

14.1912, 17.6471, 27.8576

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.8211, 15.6660, 20.0647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1912, 17.6471, 27.8576 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(63, 125, 141)` looks like.

```
.text, #text, p{  
    color:rgb(63, 125, 141)  
}
```

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(63, 125, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 125, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.1912, 17.6471, 27.8576 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(63, 125, 141) }
```


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

```
.border{ border-color:rgb(63, 125, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 125, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 125, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 125, 141);  
box-shadow:4px 4px 4px 4px rgb(63, 125,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1912, 17.6471, 27.8576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 125, 141) }
```

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

```
.background{ background-color: rgb(63, 125,  
141) }
```

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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