

Converting Colors

XYZ(14.5524, 18.8065, 27.1773)

Have a look what the booklet for
XYZ(14.5524, 18.8065, 27.1773)
contains.

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Color

**XYZ(14.5673, 18.8214,
27.2912)**

Conversions

Conversions Part 1

Format	Color
Hex	3D828B
RGB	61, 130, 139
RGB Percent	24%, 51%, 55%
CMY	0.7608, 0.4902, 0.4549
CMYK	0.56, 0.06, 0.00, 0.45
HSL	187°, 39%, 39%
HSV	187°, 56%, 55%
XYZ	14.5673, 18.8214, 27.2912
YIQ	110.3950, -44.0130, -11.8290

Conversions

Conversions Part 2

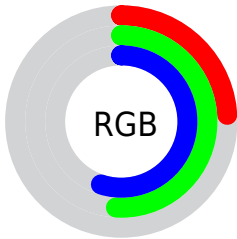
Format	Color
R_{YB}	61, 98, 139
Decimal	4031115
CIE _{Lab}	50.48, -18.96, -11.48
CIE _{LCh}	50, 22.170, 211.199
Yxy	18.8214, 0.2401, 0.3102
Android (android.graphics.Color)	4282221195 (0xFF3D828B)
YUV	110.3950, 14.1023, -43.3194
Hunter-Lab	43.3836, -15.9849, -6.9288

Details

The XYZ color **14.5673, 18.8214, 27.2912** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.6804, 10.2067, 5.6645**, and the grayscale version is **14.9048, 15.6810, 17.0767**.

A 20% lighter version of the original color is **33.6504, 41.3857, 56.0839**, and **4.6718, 6.4586, 10.4516** is the 20% darker color. If you saturate the color by 10%, you get **13.6086, 18.0133, 27.1861**, and if you desaturate by 10%, it is **15.7523, 19.7519, 27.4087**.

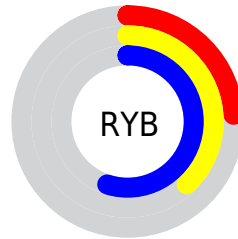
Distribution



Red (24%)

Green (51%)

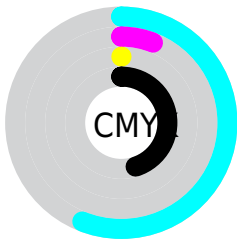
Blue (55%)



Red (24%)

Yellow (38%)

Blue (55%)

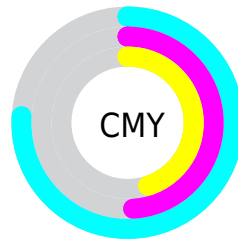


Cyan (56%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (76%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5673, 18.8214, 27.2912 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 14.5673, 18.8214, 27.2912 by changing the saturation by 10% instead.

■ 14.5673, 18.8214,
27.2912

■ 14.5673, 18.8214,
27.2912

214.1728,
245.4610, 302.8690

■ 8.6006, 11.5413,
17.5577

■ 33.6702, 41.4321,
56.3602

■ 4.5366, 6.4322,
10.4667

■ 47.5371, 57.5315,
76.5328

■ 2.0100, 3.1096,
5.5999

■ 64.7682, 77.3394,
101.0221

■ 0.6396, 1.1892,
2.5385

■ 85.7287, 101.2403,
130.2467

■ 0.0000, 0.0529,
0.8605

■ 110.7841,
129.6185, 164.6252

■ 0.0000, 0.0000,
0.0000

140.2997,

162.8584, 204.5760

174.6408,
201.3444, 250.5177

■ 14.5673, 18.8214,
27.2912

■ 14.5673, 18.8214,
27.2912

■ 13.6086, 18.0133,
27.1861

■ 15.7523, 19.7519,
27.4087

■ 12.8569, 17.3165,
27.0912

■ 17.1776, 20.8107,
27.5379

■ 12.2926, 16.7212,
27.0061

■ 18.8579, 22.0061,
27.6801

■ 11.8839, 16.2110,
26.9291

■ 20.8063, 23.3447,
27.8358

■ 11.7387, 16.0210,
26.9001

■ 23.0352, 24.8328,
28.0055

■ 25.5560, 26.4765,
28.1900

■ 28.3794, 28.2812,
28.3895

■ 31.5158, 30.2524,
28.6047

■ 34.9748, 32.3951,
28.8359

Harmonies

Analogous

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



14.0507, 18.8214, 20.7431



14.5673, 18.8214, 27.2912



15.9624, 18.8214, 32.7801

Triad

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



14.5673, 18.8214, 27.2912



21.7801, 18.8214, 26.7729



17.8024, 18.8214, 10.7551

Complementary

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



14.5673, 18.8214, 27.2912



13.6804, 10.2067, 5.6645

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.



19.9651, 18.8214, 11.7391



14.5673, 18.8214, 27.2912



22.3699, 18.8214, 20.2455

Square

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



14.5673, 18.8214, 27.2912



20.1275, 18.8214, 32.4410



21.6812, 18.8214, 14.9298



15.8233, 18.8214, 11.9115

Rectangle

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



14.5673, 18.8214, 27.2912



17.2613, 18.8214, 34.6345



21.6812, 18.8214, 14.9298



18.5320, 18.8214, 10.8447

Sweetspot

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



14.5679, 18.8221, 27.2916



36.7942, 41.4898, 49.8120



12.2256, 19.8850, 8.7922



8.3335, 9.4617, 11.4665



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.



14.5679, 18.8221, 27.2916



24.0225, 31.9484, 48.6435



10.4297, 10.5458, 25.9123



5.1244, 5.5918, 6.4151



10.6025, 14.4753, 24.2809



0.0769, 0.1091, 0.1635

Inverse Universe

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



16.3460, 10.4387, 22.2731



27.6505, 15.8271, 38.1832



16.8317, 16.5095, 6.7150



5.2094, 5.1192, 6.1913



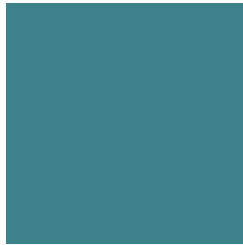
12.8385, 6.2455, 17.4514



0.0886, 0.0428, 0.1331

Previews

White Background



This preview shows how the XYZ color 14.5673, 18.8214, 27.2912 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 14.5673, 18.8214, 27.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

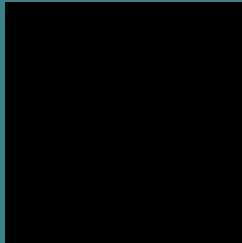
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.5673, 18.8214, 27.2912

Background



This preview shows how black text looks on a background with the XYZ color 14.5673, 18.8214, 27.2912.

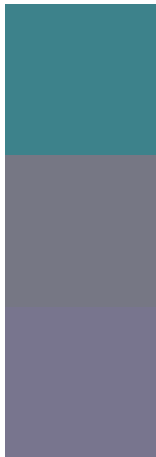


This preview shows how white text looks on a background with the XYZ color 14.5673, 18.8214,

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

14.5673, 18.8214, 27.2912

Protanopia

18.2329, 18.7111, 24.4804

Deuteranopia

18.9895, 18.6686, 28.1937



Tritanopia

14.7029, 18.8828, 27.6808

Trichromacy



Original Color

14.5673, 18.8214, 27.2912

Protanomaly

16.3859, 18.4566, 25.6205

Deuteranomaly

16.9128, 18.4948, 27.8778

Tritanomaly

14.7029, 18.8828, 27.6808

Monochromacy



Original Color

14.5673, 18.8214, 27.2912

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.2261, 16.3784, 20.5007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5673, 18.8214, 27.2912 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(61, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(61, 130, 139)  
}
```

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(61, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 130, 139) }
```

Border

The CSS property to change the border of an element to XYZ 14.5673, 18.8214, 27.2912 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(61, 130, 139) }
```


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

```
.border{ border-color:rgb(61, 130, 139) }
```

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

Here you see how a box with a 4 pixel rgb(61, 130, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 130, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 130, 139);  
box-shadow:4px 4px 4px 4px rgb(61, 130,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5673, 18.8214, 27.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 130, 139) }
```

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

```
.background{ background-color: rgb(61, 130,  
139) }
```

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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