

Converting Colors

XYZ(14.1755, 15.6139, 28.1236)

Have a look what the booklet for
XYZ(14.1755, 15.6139, 28.1236)
contains.

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Color

**XYZ(14.1997, 15.6801,
28.2648)**

Conversions

Conversions Part 1

Format	Color
Hex	4F728F
RGB	79, 114, 143
RGB Percent	31%, 45%, 56%
CMY	0.6902, 0.5529, 0.4392
CMYK	0.45, 0.20, 0.00, 0.44
HSL	207°, 29%, 44%
HSV	207°, 45%, 56%
XYZ	14.1997, 15.6801, 28.2648
YIQ	106.8410, -30.1690, 1.5990

Conversions

Conversions Part 2

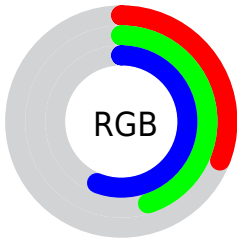
Format	Color
R _Y B	79, 102, 143
Decimal	5206671
CIE Lab	46.55, -4.31, -19.73
CIE LCh	47, 20.200, 257.673
Yxy	15.6801, 0.2442, 0.2697
Android (android.graphics.Color)	4283396751 (0xFF4F728F)
YUV	106.8410, 17.8264, -24.4166
Hunter-Lab	39.5981, -5.2874, -14.6020

Details

The XYZ color **14.1997, 15.6801, 28.2648** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **18.1019, 17.1297, 9.7499**, and the grayscale version is **13.8898, 14.6131, 15.9137**.

A 20% lighter version of the original color is **33.0743, 36.1289, 58.0537**, and **4.3760, 4.9198, 11.0749** is the 20% darker color. If you saturate the color by 10%, you get **12.4307, 13.7216, 27.9803**, and if you desaturate by 10%, it is **16.2775, 17.8753, 28.5793**.

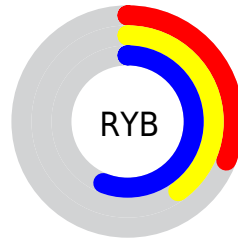
Distribution



Red (31%)

Green (45%)

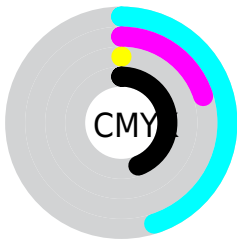
Blue (56%)



Red (31%)

Yellow (40%)

Blue (56%)

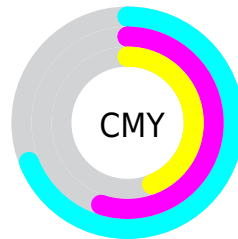


Cyan (45%)

Magenta (20%)

Yellow (0%)

Black (44%)



Cyan (69%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1997, 15.6801, 28.2648 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 14.1997, 15.6801, 28.2648 by changing the saturation by 10% instead.

■ 14.1997, 15.6801,
28.2648

■ 14.1997, 15.6801,
28.2648

211.9555,
227.4466, 307.6817

■ 8.3423, 9.2981,
18.2846

■ 33.0263, 36.0419,
57.9351

■ 4.3684, 4.9361,
10.9829

■ 46.7262, 50.7905,
78.4623

■ 1.9126, 2.2098,
5.9413

■ 63.7709, 69.0968,
103.3422

■ 0.5841, 0.7253,
2.7412

■ 84.5259, 91.3451,
132.9934

■ 0.0000, 0.0000,
0.9641

■ 109.3566,
117.9198, 167.8344

■ 0.0000, 0.0000,
0.0000

138.6281,

149.2054, 208.2838

172.7060,
185.5862, 254.7600

■ 14.1997, 15.6801,
28.2648

■ 14.1997, 15.6801,
28.2648

■ 12.4307, 13.7216,
27.9803

■ 16.2775, 17.8753,
28.5793

■ 10.9512, 11.9873,
27.7235

■ 18.6785, 20.3153,
28.9237

■ 9.7421, 10.4661,
27.4936

■ 21.4183, 23.0098,
29.2994

■ 8.7811, 9.1447,
27.2892

■ 24.5108, 25.9674,
29.7073

■ 8.0394, 8.0067,
27.1086

■ 27.9691, 29.1964,
30.1483

■ 7.6970, 7.4611,
27.0214

■ 31.8057, 32.7046,
30.6232

■ 36.0323, 36.4993,
31.1329

■ 40.6602, 40.5877,
31.6781

■ 45.7003, 44.9766,
32.2596

Harmonies

Analogous

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



12.7598, 15.6801, 25.1930



14.1997, 15.6801, 28.2648



15.9437, 15.6801, 27.9419

Triad

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



14.1997, 15.6801, 28.2648



18.3284, 15.6801, 14.3230



12.5616, 15.6801, 11.3936

Complementary

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



14.1997, 15.6801, 28.2648



18.1019, 17.1297, 9.7499

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.



13.9095, 15.6801, 9.4665



14.1997, 15.6801, 28.2648



17.2748, 15.6801, 10.9172

Square

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



14.1997, 15.6801, 28.2648



18.4214, 15.6801, 19.2041



15.6301, 15.6801, 9.3111



11.8646, 15.6801, 15.1057

Rectangle

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



14.1997, 15.6801, 28.2648



17.0458, 15.6801, 25.8476



15.6301, 15.6801, 9.3111



12.9486, 15.6801, 10.5497

Sweetspot

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



14.2002, 15.6807, 28.2652



39.1351, 41.9597, 52.5744



15.7435, 22.3860, 17.6233



8.7314, 9.3869, 12.0239



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.2002, 15.6807, 28.2652



22.1489, 24.4451, 50.0890



11.2152, 9.7107, 27.2702



5.3586, 5.7130, 6.8491



6.8266, 6.6392, 23.8988



0.0873, 0.1076, 0.2358

Inverse Universe

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



17.1614, 12.6470, 17.4569



28.3626, 18.9657, 27.2103



22.0882, 25.1023, 11.0787



5.5245, 5.4703, 6.2599



11.2489, 5.6566, 6.9619



0.1187, 0.0585, 0.1252

Previews

White Background



This preview shows how the XYZ color 14.1997, 15.6801, 28.2648 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 14.1997, 15.6801, 28.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

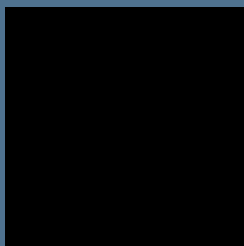
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

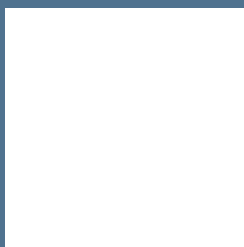
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1997, 15.6801, 28.2648

Background



This preview shows how black text looks on a background with the XYZ color 14.1997, 15.6801, 28.2648.



This preview shows how white text looks on a background with the XYZ color 14.1997, 15.6801,

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

14.1997, 15.6801, 28.2648

Protanopia

15.6083, 15.6261, 26.6196

Deuteranopia

15.8761, 15.5635, 28.5529



Tritanopia

12.9512, 15.6848, 22.0835

Trichromacy



Original Color

14.1997, 15.6801, 28.2648

Protanomaly

15.0342, 15.6420, 27.0378

Deuteranomaly

15.2261, 15.5452, 28.5836

Tritanomaly

13.3907, 15.6932, 24.1531

Monochromacy



Original Color

14.1997, 15.6801, 28.2648

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8959, 15.0493, 19.9417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1997, 15.6801, 28.2648 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(79, 114, 143)` looks like.

```
.text, #text, p{  
    color:rgb(79, 114, 143)  
}
```

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(79, 114, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 114, 143) }
```

Border

The CSS property to change the border of an element to XYZ 14.1997, 15.6801, 28.2648 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(79, 114, 143) }
```


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

```
.border{ border-color:rgb(79, 114, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 114, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 114, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 114, 143);  
box-shadow:4px 4px 4px 4px rgb(79, 114,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1997, 15.6801, 28.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 114, 143) }
```

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

```
.background{ background-color: rgb(79, 114,  
143) }
```

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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