

Converting Colors

XYZ(14.9141, 16.7409, 22.6952)

Have a look what the booklet for
XYZ(14.9141, 16.7409, 22.6952)
contains.

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Color

**XYZ(14.8737, 16.6608,
22.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7580
RGB	94, 117, 128
RGB Percent	37%, 46%, 50%
CMY	0.6314, 0.5412, 0.4980
CMYK	0.27, 0.09, 0.00, 0.50
HSL	199°, 15%, 44%
HSV	199°, 27%, 50%
XYZ	14.8737, 16.6608, 22.8540
YIQ	111.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

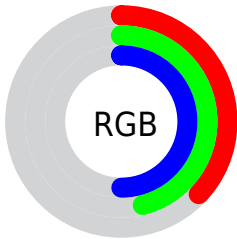
Format	Color
R _Y B	94, 108, 128
Decimal	6190464
CIE Lab	47.83, -5.69, -8.81
CIE LCh	48, 10.484, 237.147
Yxy	16.6608, 0.2735, 0.3063
Android (android.graphics.Color)	4284380544 (0xFF5E7580)
YUV	111.3770, 8.1951, -15.2396
Hunter-Lab	40.8176, -6.3866, -4.6244

Details

The XYZ color **14.8737, 16.6608, 22.8540** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9743, 15.5007, 12.7401**, and the grayscale version is **15.1999, 15.9915, 17.4147**.

A 20% lighter version of the original color is **34.2055, 37.7319, 49.1962**, and **4.7117, 5.4251, 8.1960** is the 20% darker color. If you saturate the color by 10%, you get **13.1967, 15.0962, 22.6407**, and if you desaturate by 10%, it is **16.7907, 18.3816, 23.0854**.

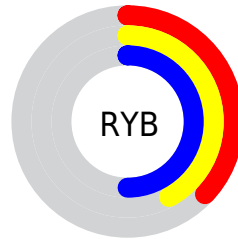
Distribution



Red (37%)

Green (46%)

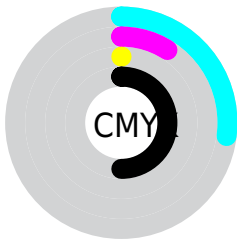
Blue (50%)



Red (37%)

Yellow (42%)

Blue (50%)

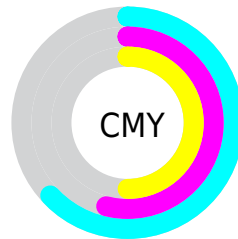


Cyan (27%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (63%)

Magenta (54%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8737, 16.6608, 22.8540 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 14.8737, 16.6608, 22.8540 by changing the saturation by 10% instead.

■ 14.8737, 16.6608,
22.8540

■ 14.8737, 16.6608,
22.8540

216.0041,
233.2100, 280.0718

■ 8.8165, 9.9929,
14.2815

■ 34.2049, 37.7416,
49.0736

■ 4.6779, 5.3943,
8.1757

■ 48.2097, 52.9234,
67.5578

■ 2.0923, 2.4804,
4.1182

■ 65.5944, 71.7120,
90.1829

■ 0.6850, 0.8668,
1.6904

■ 86.7244, 94.4917,
117.3676

■ 0.0000, 0.0000,
0.3541

111.9650,
121.6469, 149.5302

■ 0.0000, 0.0000,
0.0000

141.6815,

153.5622, 187.0894

176.2395,
190.6217, 230.4638

■ 14.8737, 16.6608,
22.8540

■ 14.8737, 16.6608,
22.8540

■ 13.1967, 15.0962,
22.6407

■ 16.7907, 18.3816,
23.0854

■ 11.7473, 13.6798,
22.4437

■ 18.9566, 20.2624,
23.3343

■ 10.5140, 12.4057,
22.2627

■ 21.3814, 22.3092,
23.6015

■ 9.4837, 11.2667,
22.0972

■ 24.0742, 24.5269,
23.8877

■ 8.6420, 10.2550,
21.9463

■ 27.0437, 26.9206,
24.1932

■ 7.9720, 9.3613,
21.8091

■ 30.2981, 29.4947,
24.5185

■ 7.4426, 8.5692,
21.6841

■ 33.8454, 32.2538,
24.8641

■ 7.2717, 8.3093,
21.6429

■ 37.6930, 35.2020,
25.2304

■ 41.8482, 38.3435,
25.6177

Harmonies

Analogous

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



14.2787, 16.6608, 20.6107



14.8737, 16.6608, 22.8540



15.7457, 16.6608, 23.8272

Triad

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



14.8737, 16.6608, 22.8540



17.7133, 16.6608, 18.4000



15.0239, 16.6608, 13.9074

Complementary

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



14.8737, 16.6608, 22.8540



15.9743, 15.5007, 12.7401

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.



15.9259, 16.6608, 13.4397



14.8737, 16.6608, 22.8540



17.5017, 16.6608, 15.8765

Square

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



14.8737, 16.6608, 22.8540



17.4056, 16.6608, 21.1012



16.8381, 16.6608, 14.1247



14.3630, 16.6608, 15.4711

Rectangle

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



14.8737, 16.6608, 22.8540



16.3753, 16.6608, 23.5595



16.8381, 16.6608, 14.1247



15.3078, 16.6608, 13.6240

Sweetspot

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



14.8742, 16.6615, 22.8544



32.7263, 35.1178, 41.0098



14.8735, 18.8335, 16.1535



7.5399, 8.1168, 9.5876



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.



14.8742, 16.6615, 22.8544



24.3158, 27.6015, 40.0023



13.0924, 13.0978, 22.2604



4.3328, 4.6596, 5.4843



7.2116, 8.2417, 21.4607



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1161, 13.8794, 18.6600



26.9386, 21.9826, 31.0865



17.8537, 19.2595, 13.3666



4.4408, 4.3895, 5.1258



10.5171, 5.2265, 9.3125



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8737, 16.6608, 22.8540 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 14.8737, 16.6608, 22.8540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

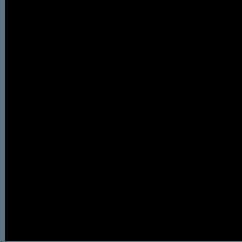
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

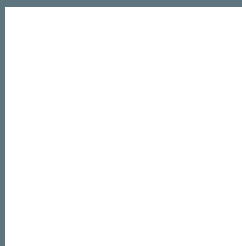
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8737, 16.6608, 22.8540

Background



This preview shows how black text looks on a background with the XYZ color 14.8737, 16.6608, 22.8540.



This preview shows how white text looks on a background with the XYZ color 14.8737, 16.6608,

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

14.8737, 16.6608, 22.8540

Protanopia

16.1779, 16.5138, 21.7368

Deuteranopia

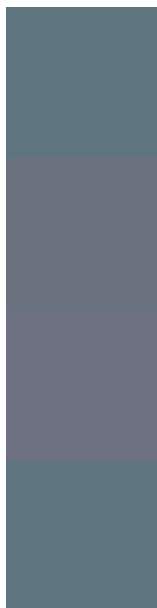
16.8745, 16.5187, 23.0679



Tritanopia

14.8081, 16.6346, 22.5090

Trichromacy



Original Color

14.8737, 16.6608, 22.8540

Protanomaly

15.6089, 16.5442, 22.1093

Deuteranomaly

16.1742, 16.6464, 23.1295

Tritanomaly

14.8081, 16.6346, 22.5090

Monochromacy



Original Color

14.8737, 16.6608, 22.8540

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9417, 16.0979, 19.1493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8737, 16.6608, 22.8540 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(94, 117, 128) looks like.

```
.text, #text, p{  
    color:rgb(94, 117, 128)  
}
```

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(94, 117, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 117, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.8737, 16.6608, 22.8540 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(94, 117, 128) }
```


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

```
.border{ border-color:rgb(94, 117, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 117, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 117, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 117, 128);  
box-shadow:4px 4px 4px 4px rgb(94, 117,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8737, 16.6608, 22.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 117, 128) }
```

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

```
.background{ background-color: rgb(94, 117,  
128) }
```

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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