

Converting Colors

XYZ(14.5669, 16.7058, 22.0632)

Have a look what the booklet for
XYZ(14.5669, 16.7058, 22.0632)
contains.

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Color

**XYZ(14.5587, 16.6874,
22.1923)**

Conversions

Conversions Part 1

Format	Color
Hex	5B767E
RGB	91, 118, 126
RGB Percent	36%, 46%, 49%
CMY	0.6431, 0.5372, 0.5059
CMYK	0.28, 0.06, 0.00, 0.51
HSL	194°, 16%, 43%
HSV	194°, 28%, 49%
XYZ	14.5587, 16.6874, 22.1923
YIQ	110.8390, -18.6600, -3.2360

Conversions

Conversions Part 2

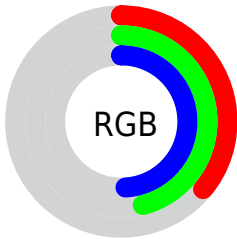
Format	Color
R_{YB}	91, 106, 126
Decimal	5994110
CIE _{Lab}	47.86, -7.75, -7.59
CIE _{LCh}	48, 10.847, 224.406
Yxy	16.6874, 0.2724, 0.3123
Android (android.graphics.Color)	4284184190 (0xFF5B767E)
YUV	110.8390, 7.4744, -17.3988
Hunter-Lab	40.8502, -7.8719, -3.6148

Details

The XYZ color **14.5587, 16.6874, 22.1923** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9545, 14.1146, 11.8340**, and the grayscale version is **15.0461, 15.8296, 17.2385**.

A 20% lighter version of the original color is **33.6667, 37.7549, 48.1608**, and **4.5260, 5.4297, 7.8307** is the 20% darker color. If you saturate the color by 10%, you get **13.0856, 15.4327, 22.0280**, and if you desaturate by 10%, it is **16.2517, 18.0717, 22.3705**.

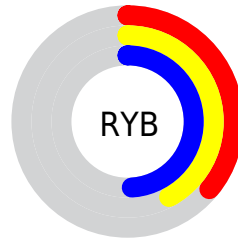
Distribution



Red (36%)

Green (46%)

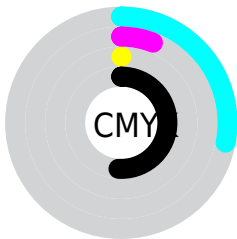
Blue (49%)



Red (36%)

Yellow (42%)

Blue (49%)

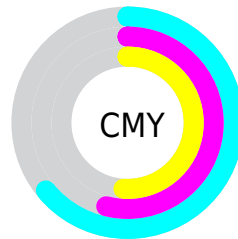


Cyan (28%)

Magenta (6%)

Yellow (0%)

Black (51%)



Cyan (64%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5587, 16.6874, 22.1923 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 14.5587, 16.6874, 22.1923 by changing the saturation by 10% instead.

■ 14.5587, 16.6874,
22.1923

■ 14.5587, 16.6874,
22.1923

214.1211,
233.3645, 276.5351

■ 8.5946, 10.0119,
13.7986

■ 33.6552, 37.7875,
47.9699

■ 4.5327, 5.4068,
7.8436

■ 47.5182, 52.9809,
66.1908

■ 2.0077, 2.4879,
3.9087

■ 64.7449, 71.7823,
88.5246

■ 0.6383, 0.8706,
1.5754

■ 85.7007, 94.5763,
115.3898

■ 0.0000, 0.0000,
0.2732

110.7508,
121.7470, 147.2049

■ 0.0000, 0.0000,
0.0000

140.2607,

153.6791, 184.3884

174.5957,
190.7567, 227.3590

■ 14.5587, 16.6874,
22.1923

■ 14.5587, 16.6874,
22.1923

■ 13.0856, 15.4327,
22.0280

■ 16.2517, 18.0717,
22.3705

■ 11.8204, 14.3000,
21.8761

■ 18.1730, 19.5888,
22.5621

■ 10.7523, 13.2839,
21.7363

■ 20.3321, 21.2441,
22.7678

■ 9.8687, 12.3780,
21.6080

■ 22.7378, 23.0423,
22.9881

■ 9.1556, 11.5747,
21.4905

■ 25.3983, 24.9877,
23.2234

■ 8.5967, 10.8656,
21.3831

■ 28.3212, 27.0845,
23.4740

■ 8.1544, 10.2312,
21.2839

■ 31.5143, 29.3366,
23.7405

■ 8.0598, 10.0940,
21.2625

■ 34.9845, 31.7479,
24.0230

■ 38.7388, 34.3221,
24.3220

Harmonies

Analogous

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



14.1132, 16.6874, 19.5388



14.5587, 16.6874, 22.1923



15.3621, 16.6874, 23.8484

Triad

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



14.5587, 16.6874, 22.1923



17.7363, 16.6874, 19.6519



15.3989, 16.6874, 13.4491

Complementary

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



14.5587, 16.6874, 22.1923



14.9545, 14.1146, 11.8340

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.



16.3703, 16.6874, 13.4727



14.5587, 16.6874, 22.1923



17.7472, 16.6874, 16.8662

Square

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



14.5587, 16.6874, 22.1923



17.2094, 16.6874, 22.2824



17.2385, 16.6874, 14.6652



14.5847, 16.6874, 14.5971

Rectangle

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



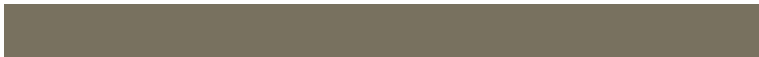
14.5587, 16.6874, 22.1923



16.0054, 16.6874, 24.0670



17.2385, 16.6874, 14.6652



15.7173, 16.6874, 13.3243

Sweetspot

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



14.5592, 16.6881, 22.1927



31.8414, 34.3659, 39.6994



14.0078, 18.0390, 14.4441



7.1382, 7.7355, 9.0199



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.5592, 16.6881, 22.1927



24.0272, 28.0233, 38.8870



12.7262, 13.0220, 21.5817



4.3657, 4.7255, 5.4953



8.2652, 10.3489, 21.8119



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.6157, 13.2261, 18.8702



26.2279, 21.0494, 31.9131



16.7478, 17.7012, 12.4318



4.4574, 4.3961, 5.2133



11.0489, 5.4392, 12.1130



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5587, 16.6874, 22.1923 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 14.5587, 16.6874, 22.1923 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

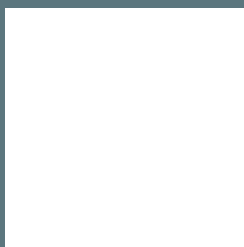
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5587, 16.6874, 22.1923

Background



This preview shows how black text looks on a background with the XYZ color 14.5587, 16.6874, 22.1923.



This preview shows how white text looks on a background with the XYZ color 14.5587, 16.6874,

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

14.5587, 16.6874, 22.1923

Protanopia

16.2903, 16.7510, 21.1136

Deuteranopia

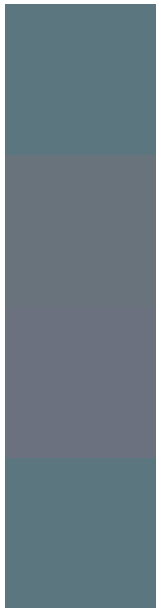
16.9434, 16.5619, 22.7258



Tritanopia

14.6236, 16.7133, 22.5339

Trichromacy



Original Color

14.5587, 16.6874, 22.1923

Protanomaly

15.5945, 16.7200, 21.4741

Deuteranomaly

15.9202, 16.5307, 22.4303

Tritanomaly

14.6236, 16.7133, 22.5339

Monochromacy



Original Color

14.5587, 16.6874, 22.1923

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8786, 16.2386, 18.8732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5587, 16.6874, 22.1923 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(91, 118, 126) looks like.

```
.text, #text, p{  
    color:rgb(91, 118, 126)  
}
```

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(91, 118, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 118, 126) }
```

Border

The CSS property to change the border of an element to XYZ 14.5587, 16.6874, 22.1923 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(91, 118, 126) }
```


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

```
.border{ border-color:rgb(91, 118, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 118, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 118, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 118, 126);  
box-shadow:4px 4px 4px 4px rgb(91, 118,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5587, 16.6874, 22.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 118, 126) }
```

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

```
.background{ background-color: rgb(91, 118,  
126) }
```

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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