

Converting Colors

XYZ(15.4118, 16.2857, 21.4189)

Have a look what the booklet for
XYZ(15.4118, 16.2857, 21.4189)
contains.

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Color

**XYZ(15.3689, 16.2687,
21.3989)**

Conversions

Conversions Part 1

Format	Color
Hex	69717C
RGB	105, 113, 124
RGB Percent	41%, 44%, 49%
CMY	0.5882, 0.5569, 0.5137
CMYK	0.15, 0.09, 0.00, 0.51
HSL	215°, 8%, 45%
HSV	215°, 15%, 49%
XYZ	15.3689, 16.2687, 21.3989
YIQ	111.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

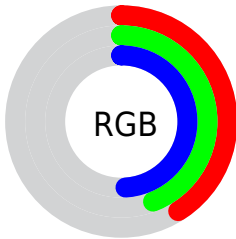
Format	Color
RYB	105, 111, 124
Decimal	6910332
CIELab	47.33, -0.55, -7.10
CIELCh	47, 7.121, 265.536
Yxy	16.2687, 0.2898, 0.3067
Android (android.graphics.Color)	4285100412 (0xFF69717C)
YUV	111.8620, 5.9840, -6.0180
Hunter-Lab	40.3345, -2.5704, -3.2214

Details

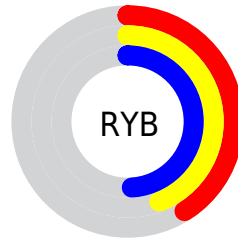
The XYZ color **15.3689, 16.2687, 21.3989** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1075, 17.7958, 15.8982**, and the grayscale version is **15.3458, 16.1450, 17.5819**.

A 20% lighter version of the original color is **35.1012, 37.1525, 46.9161**, and **4.9052, 5.1881, 7.3995** is the 20% darker color. If you saturate the color by 10%, you get **13.2480, 14.0335, 21.0795**, and if you desaturate by 10%, it is **17.7665, 18.7414, 21.7501**.

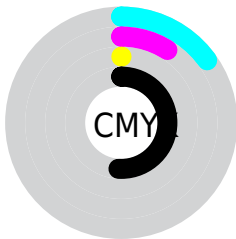
Distribution



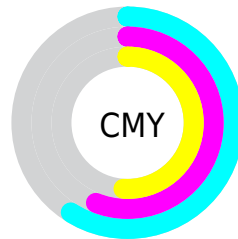
- Red (41%)
- Green (44%)
- Blue (49%)



- Red (41%)
- Yellow (44%)
- Blue (49%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3689, 16.2687, 21.3989 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 15.3689, 16.2687, 21.3989 by changing the saturation by 10% instead.

■ 15.3689, 16.2687,
21.3989

■ 15.3689, 16.2687,
21.3989

218.9327,
230.9221, 272.2412

■ 9.1667, 9.7145,
13.2218

■ 35.0654, 37.0641,
46.6399

■ 4.9081, 5.2101,
7.4489

■ 49.2904, 52.0740,
64.5408

■ 2.2276, 2.3710,
3.6617

■ 66.9205, 70.6713,
86.5201

■ 0.7572, 0.8109,
1.4417

■ 88.3208, 93.2404,
112.9964

■ 0.0000, 0.0000,
0.1739

113.8569,
120.1656, 144.3881

■ 0.0000, 0.0000,
0.0000

143.8939,

151.8313, 181.1137

178.7975,
188.6220, 223.5919

■ 15.3689, 16.2687,
21.3989

■ 15.3689, 16.2687,
21.3989

■ 13.2480, 14.0335,
21.0795

■ 17.7665, 18.7414,
21.7501

■ 11.3918, 12.0263,
20.7899

■ 20.4494, 21.4570,
22.1328

■ 9.7894, 10.2395,
20.5295

■ 23.4276, 24.4229,
22.5483

■ 8.4286, 8.6646,
20.2972

■ 26.7100, 27.6458,
22.9974

■ 7.2961, 7.2922,
20.0920

■ 30.3054, 31.1320,
23.4808

■ 6.3773, 6.1124,
19.9127

■ 34.2220, 34.8878,
23.9993

■ 5.6553, 5.1138,
19.7580

■ 38.4678, 38.9189,
24.5537

■ 5.1045, 4.2802,
19.6261

■ 43.0504, 43.2312,
25.1445

■ 4.8759, 3.9308,
19.5708

■ 47.9773, 47.8302,
25.7725

Harmonies

Analogous

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



14.7881, 16.2687, 20.7279



15.3689, 16.2687, 21.3989



15.9905, 16.2687, 21.0289

Triad

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



15.3689, 16.2687, 21.3989



16.5808, 16.2687, 16.2614



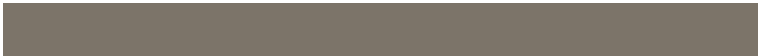
14.4864, 16.2687, 15.8240

Complementary

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



15.3689, 16.2687, 21.3989



17.1075, 17.7958, 15.8982

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.



14.9471, 16.2687, 14.7669



15.3689, 16.2687, 21.3989



16.1579, 16.2687, 15.0071

Square

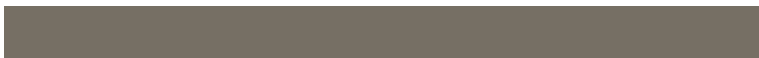
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.3689, 16.2687, 21.3989



16.7011, 16.2687, 17.9850



15.5573, 16.2687, 14.4782



14.2875, 16.2687, 17.4454

Rectangle

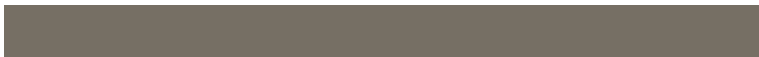
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.3689, 16.2687, 21.3989



16.3428, 16.2687, 20.2543



15.5573, 16.2687, 14.4782



14.6152, 16.2687, 15.3953

Sweetspot

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



15.3694, 16.2694, 21.3993



31.3555, 33.0730, 38.2877



16.1725, 18.6744, 19.2044



7.3237, 7.7269, 9.0085



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.



15.3694, 16.2694, 21.3993



25.8359, 27.3643, 37.4768



14.6656, 14.6393, 21.1217



3.9235, 4.1452, 5.0365



4.9543, 3.9910, 19.8945



22.8283, 17.4292, 94.6308

Inverse Universe

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



16.3448, 15.5809, 17.7694



27.8698, 25.9818, 29.8958



17.8880, 19.6268, 16.2105



4.0618, 4.0405, 4.5232



9.0840, 4.6098, 3.7334



42.9258, 21.8267, 15.6713

Previews

White Background



This preview shows how the XYZ color 15.3689, 16.2687, 21.3989 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 15.3689, 16.2687, 21.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

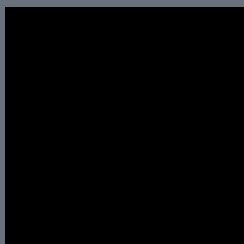
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

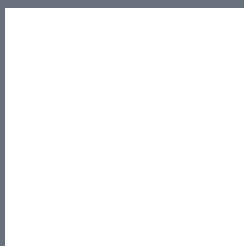
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3689, 16.2687, 21.3989

Background



This preview shows how black text looks on a background with the XYZ color 15.3689, 16.2687, 21.3989.



This preview shows how white text looks on a background with the XYZ color 15.3689, 16.2687,

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

15.3689, 16.2687, 21.3989

Protanopia

15.8151, 16.1784, 21.0281

Deuteranopia

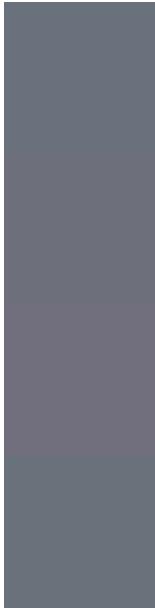
16.5064, 16.1999, 21.6589



Tritanopia

15.2437, 16.2187, 20.7394

Trichromacy



Original Color

15.3689, 16.2687, 21.3989

Protanomaly

15.6760, 16.2696, 21.0530

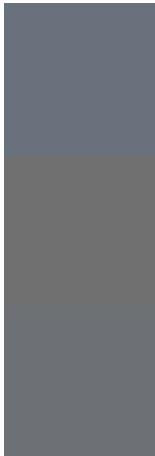
Deuteranomaly

16.0877, 16.1432, 21.6701

Tritanomaly

15.3060, 16.2436, 21.0675

Monochromacy



Original Color

15.3689, 16.2687, 21.3989

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2532, 16.1005, 18.8268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3689, 16.2687, 21.3989 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(105, 113, 124)` looks like.

```
.text, #text, p{  
    color:rgb(105, 113, 124)  
}
```

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(105, 113, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 113, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.3689, 16.2687, 21.3989 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(105, 113, 124) }
```


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

```
.border{ border-color:rgb(105, 113, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 113, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 113, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 113, 124); box-shadow:4px 4px 4px 4px rgb(105, 113, 124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3689, 16.2687, 21.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 113, 124) }
```

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

```
.background{ background-color: rgb(105,  
113, 124) }
```

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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