

Converting Colors

XYZ(15.3576, 15.6164, 20.7474)

Have a look what the booklet for
XYZ(15.3576, 15.6164, 20.7474)
contains.

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Color

**XYZ(15.2882, 15.5936,
20.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6D7A
RGB	109, 109, 122
RGB Percent	43%, 43%, 48%
CMY	0.5725, 0.5725, 0.5216
CMYK	0.11, 0.11, 0.00, 0.52
HSL	240°, 6%, 45%
HSV	240°, 11%, 48%
XYZ	15.2882, 15.5936, 20.6165
YIQ	110.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

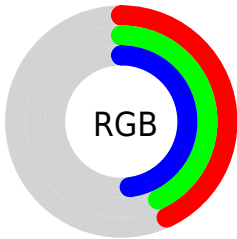
Format	Color
R _Y B	109, 109, 122
Decimal	7171450
CIE Lab	46.44, 2.80, -7.20
CIE LCh	46, 7.721, 291.241
Yxy	15.5936, 0.2969, 0.3028
Android (android.graphics.Color)	4285361530 (0xFF6D6D7A)
YUV	110.4820, 5.6784, -1.2997
Hunter-Lab	39.4887, 0.0016, -3.3123

Details

The XYZ color **15.2882, 15.5936, 20.6165** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7461, 19.1609, 17.2315**, and the grayscale version is **14.9450, 15.7233, 17.1227**.

A 20% lighter version of the original color is **34.9087, 35.7747, 45.1097**, and **4.8497, 4.9184, 6.9971** is the 20% darker color. If you saturate the color by 10%, you get **12.6781, 12.4487, 20.1473**, and if you desaturate by 10%, it is **18.2883, 19.2085, 21.1564**.

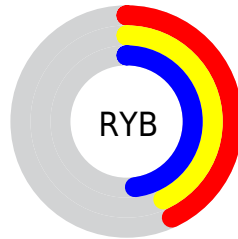
Distribution



Red (43%)

Green (43%)

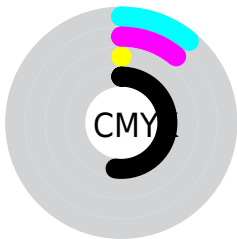
Blue (48%)



Red (43%)

Yellow (43%)

Blue (48%)

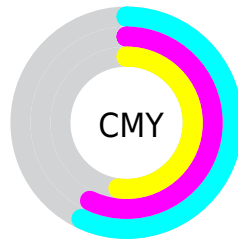


Cyan (11%)

Magenta (11%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2882, 15.5936, 20.6165 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 15.2882, 15.5936, 20.6165 by changing the saturation by 10% instead.

■ 15.2882, 15.5936,
20.6165

■ 15.2882, 15.5936,
20.6165

218.4580,
226.9315, 267.9471

■ 9.1095, 9.2370,
12.6555

■ 34.9255, 35.8912,
45.3209

■ 4.8704, 4.8961,
7.0638

■ 49.1148, 50.6011,
62.9013

■ 2.2054, 2.1864,
3.4230

■ 66.7051, 68.8641,
84.5253

■ 0.7456, 0.7126,
1.3145

■ 88.0617, 91.0648,
110.6113

■ 0.0000, 0.0000,
0.0736

113.5499,
117.5875, 141.5780

■ 0.0000, 0.0000,
0.0000

143.5351,

148.8166, 177.8438

178.3827,
185.1365, 219.8273

■ 15.2882, 15.5936,
20.6165

■ 15.2882, 15.5936,
20.6165

■ 12.6781, 12.4487,
20.1473

■ 18.2883, 19.2085,
21.1564

■ 10.4405, 9.7526,
19.7448

■ 21.6919, 23.3095,
21.7686

■ 8.5590, 7.4856,
19.4064

■ 25.5137, 27.9145,
22.4560

■ 7.0152, 5.6254,
19.1287

■ 29.7672, 33.0396,
23.2210

■ 5.7891, 4.1480,
18.9082

■ 34.4654, 38.7005,
24.0661

■ 4.8586, 3.0267,
18.7408

■ 39.6206, 44.9120,
24.9933

■ 4.1988, 2.2317,
18.6221

■ 45.2448, 51.6885,
26.0049

■ 3.7807, 1.7279,
18.5469

■ 51.3493, 59.0439,
27.1029

■ 3.5130, 1.4053,
18.4988

■ 57.9453, 66.9913,
28.2892

Harmonies

Analogous

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



14.6278, 15.5936, 20.8514



15.2882, 15.5936, 20.6165



15.8384, 15.5936, 19.3701

Triad

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



15.2882, 15.5936, 20.6165



15.6343, 15.5936, 14.2864



13.5959, 15.5936, 16.4285

Complementary

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



15.2882, 15.5936, 20.6165



17.7461, 19.1609, 17.2315

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.



13.8486, 15.5936, 14.7928



15.2882, 15.5936, 20.6165



15.0164, 15.5936, 13.6181

Square

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



15.2882, 15.5936, 20.6165



16.0423, 15.5936, 15.6894



14.3639, 15.5936, 13.7963



13.6638, 15.5936, 18.3370

Rectangle

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



15.2882, 15.5936, 20.6165



16.0622, 15.5936, 18.1809



14.3639, 15.5936, 13.7963



13.6459, 15.5936, 15.8308

Sweetspot

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



15.2887, 15.5943, 20.6168



30.8343, 32.1788, 36.9789



16.7660, 18.5704, 21.0431



6.9614, 7.2506, 8.4393



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.2887, 15.5943, 20.6168



25.6104, 25.8844, 36.0393



16.0894, 16.0069, 20.6543



3.7976, 3.8936, 4.9946



3.6986, 1.4796, 19.4759



17.6423, 7.0572, 92.9021

Inverse Universe

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



16.2554, 16.1794, 16.7349



27.6987, 27.1484, 27.6540



16.8851, 18.7172, 17.1913



3.9983, 4.0150, 4.1888



8.4502, 4.3562, 0.3957



40.3081, 20.7796, 1.8869

Previews

White Background



This preview shows how the XYZ color 15.2882, 15.5936, 20.6165 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 15.2882, 15.5936, 20.6165 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

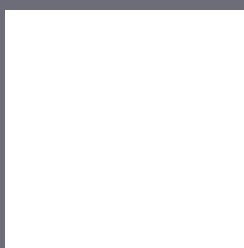
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2882, 15.5936, 20.6165

Background



This preview shows how black text looks on a background with the XYZ color 15.2882, 15.5936, 20.6165.



This preview shows how white text looks on a background with the XYZ color 15.2882, 15.5936,

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

15.2882, 15.5936, 20.6165

Protanopia

15.1658, 15.5306, 20.6107

Deuteranopia

15.8408, 15.5654, 20.5819



Tritanopia

15.0303, 15.6480, 19.3677

Trichromacy



Original Color

15.2882, 15.5936, 20.6165

Protanomaly

15.1658, 15.5306, 20.6107

Deuteranomaly

15.6855, 15.6410, 20.6047

Tritanomaly

15.0900, 15.6719, 19.6824

Monochromacy



Original Color

15.2882, 15.5936, 20.6165

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0436, 15.6818, 18.1536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2882, 15.5936, 20.6165 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(109, 109, 122)` looks like.

```
.text, #text, p{  
    color:rgb(109, 109, 122)  
}
```

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(109, 109, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 109, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.2882, 15.5936, 20.6165 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(109, 109, 122) }
```


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

```
.border{ border-color:rgb(109, 109, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 109, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 109, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 109, 122);  
box-shadow:4px 4px 4px 4px rgb(109, 109,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2882, 15.5936, 20.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 109, 122) }
```

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

```
.background{ background-color: rgb(109,  
109, 122) }
```

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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