

Converting Colors

XYZ(15.1295, 13.7814, 21.2480)

Have a look what the booklet for
XYZ(15.1295, 13.7814, 21.2480)
contains.

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Color

**XYZ(15.0466, 13.6749,
21.2485)**

Conversions

Conversions Part 1

Format	Color
Hex	73617D
RGB	115, 97, 125
RGB Percent	45%, 38%, 49%
CMY	0.5490, 0.6196, 0.5098
CMYK	0.08, 0.22, 0.00, 0.51
HSL	279°, 13%, 44%
HSV	279°, 22%, 49%
XYZ	15.0466, 13.6749, 21.2485
YIQ	105.5740, 1.7400, 12.5240

Conversions

Conversions Part 2

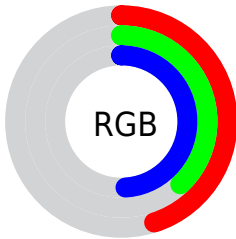
Format	Color
R_{YB}	115, 97, 125
Decimal	7561597
CIE _{Lab}	43.76, 12.88, -12.97
CIE _{LCh}	44, 18.278, 314.809
Yxy	13.6749, 0.3011, 0.2737
Android (android.graphics.Color)	4285751677 (0xFF73617D)
YUV	105.5740, 9.5770, 8.2666
Hunter-Lab	36.9796, 7.9155, -8.1824

Details

The XYZ color **15.0466, 13.6749, 21.2485** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.5552, 18.6564, 14.0911**, and the grayscale version is **13.5579, 14.2640, 15.5335**.

A 20% lighter version of the original color is **34.5621, 32.6097, 46.5922**, and **4.8031, 4.0827, 7.3724** is the 20% darker color. If you saturate the color by 10%, you get **13.4086, 11.2492, 20.8668**, and if you desaturate by 10%, it is **16.8959, 16.4805, 21.6928**.

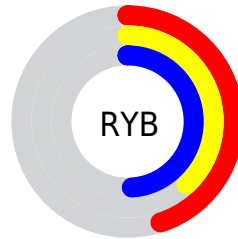
Distribution



Red (45%)

Green (38%)

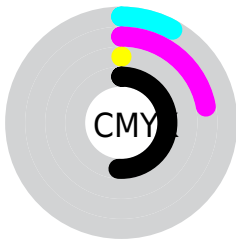
Blue (49%)



Red (45%)

Yellow (38%)

Blue (49%)

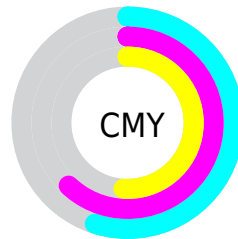


Cyan (8%)

Magenta (22%)

Yellow (0%)

Black (51%)



Cyan (55%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0466, 13.6749, 21.2485 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 15.0466, 13.6749, 21.2485 by changing the saturation by 10% instead.

■ 15.0466, 13.6749,
21.2485

■ 15.0466, 13.6749,
21.2485

217.0309,
215.1989, 271.4205

■ 8.9386, 7.8949,
13.1128

■ 34.5059, 32.5111,
46.3869

■ 4.7580, 4.0278,
7.3746

■ 48.5879, 46.3360,
64.2266

■ 2.1392, 1.6891,
3.6155

■ 66.0587, 63.6114,
86.1381

■ 0.7104, 0.4166,
1.4169

■ 87.2835, 84.7217,
112.5398

■ 0.0000, 0.0000,
0.1548

112.6278,
110.0511, 143.8504

■ 0.0000, 0.0000,
0.0000

142.4569,

139.9842, 180.4884

177.1361,
174.9053, 222.8722

■ 15.0466, 13.6749,
21.2485

■ 15.0466, 13.6749,
21.2485

■ 13.4086, 11.2492,
20.8668

■ 16.8959, 16.4805,
21.6928

■ 11.9717, 9.1843,
20.5440

■ 18.9636, 19.6803,
22.2014

■ 10.7268, 7.4624,
20.2773

■ 21.2580, 23.2901,
22.7772

■ 9.6634, 6.0632,
20.0632

■ 23.7865, 27.3241,
23.4226

■ 8.7700, 4.9641,
19.8982

■ 26.5561, 31.7960,
24.1398

8.0335, 4.1398,
19.7779

29.5737, 36.7189,
24.9310

7.4387, 3.5603,
19.6974

32.8458, 42.1052,
25.7982

7.0401, 3.2017,
19.6492

36.3786, 47.9668,
26.7434

40.1782, 54.3154,
27.7685

Harmonies

Analogous

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



13.7177, 13.6749, 23.9392



15.0466, 13.6749, 21.2485



15.8547, 13.6749, 17.0640

Triad

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



15.0466, 13.6749, 21.2485



13.7361, 13.6749, 8.4770



10.5020, 13.6749, 17.0082

Complementary

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



15.0466, 13.6749, 21.2485



15.5552, 18.6564, 14.0911

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.



10.5061, 13.6749, 12.9083



15.0466, 13.6749, 21.2485



12.3031, 13.6749, 8.4677

Square

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



15.0466, 13.6749, 21.2485



15.0610, 13.6749, 9.9744



11.1436, 13.6749, 9.9458



11.1318, 13.6749, 21.2012

Rectangle

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



15.0466, 13.6749, 21.2485



15.9542, 13.6749, 14.2352



11.1436, 13.6749, 9.9458



10.4309, 13.6749, 15.5639

Sweetspot

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



15.0470, 13.6755, 21.2488



32.1426, 32.4185, 39.3077



13.9175, 14.5937, 21.4856



7.2756, 7.3189, 8.9323



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.



15.0470, 13.6755, 21.2488



25.3575, 22.1235, 37.6781



16.2001, 14.2970, 20.0810



4.3538, 4.3380, 5.4211



7.3399, 3.3376, 20.5073



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.3864, 13.9715, 15.7963



26.1225, 22.7794, 25.8951



14.5998, 18.1433, 14.9767



4.3863, 4.3677, 4.8387



9.3111, 4.7441, 2.9621



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0466, 13.6749, 21.2485 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 15.0466, 13.6749, 21.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

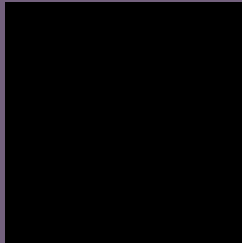
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0466, 13.6749, 21.2485

Background



This preview shows how black text looks on a background with the XYZ color 15.0466, 13.6749, 21.2485.



This preview shows how white text looks on a background with the XYZ color 15.0466, 13.6749,

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

15.0466, 13.6749, 21.2485

Protanopia

13.6436, 13.6291, 22.6805

Deuteranopia

13.8853, 13.6462, 20.9709



Tritanopia

13.9460, 13.6418, 16.0855

Trichromacy



Original Color

15.0466, 13.6749, 21.2485

Protanomaly

14.1624, 13.6159, 22.3038

Deuteranomaly

14.2587, 13.6954, 20.9607

Tritanomaly

14.3092, 13.6493, 17.8000

Monochromacy



Original Color

15.0466, 13.6749, 21.2485

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1376, 14.1440, 17.6077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0466, 13.6749, 21.2485 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(115, 97, 125)` looks like.

```
.text, #text, p{  
    color:rgb(115, 97, 125)  
}
```

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(115, 97, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 97, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.0466, 13.6749, 21.2485 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(115, 97, 125) }
```


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

```
.border{ border-color:rgb(115, 97, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 97, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 97, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 97, 125);  
box-shadow:4px 4px 4px 4px rgb(115, 97,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0466, 13.6749, 21.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 97, 125) }
```

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

```
.background{ background-color: rgb(115, 97,  
125) }
```

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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