

Converting Colors

XYZ(15.0150, 15.4773, 21.2118)

Have a look what the booklet for
XYZ(15.0150, 15.4773, 21.2118)
contains.

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Color

**XYZ(15.0506, 15.4567,
21.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6D7C
RGB	106, 109, 124
RGB Percent	42%, 43%, 49%
CMY	0.5843, 0.5725, 0.5137
CMYK	0.15, 0.12, 0.00, 0.51
HSL	230°, 8%, 45%
HSV	230°, 15%, 49%
XYZ	15.0506, 15.4567, 21.2590
YIQ	109.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

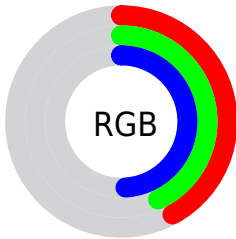
Format	Color
R _Y B	106, 109, 124
Decimal	6974844
CIE Lab	46.25, 2.17, -8.69
CIE LCh	46, 8.960, 284.022
Yxy	15.4567, 0.2907, 0.2986
Android (android.graphics.Color)	4285164924 (0xFF6A6D7C)
YUV	109.8130, 6.9942, -3.3440
Hunter-Lab	39.3150, -0.4678, -4.5397

Details

The XYZ color **15.0506, 15.4567, 21.2590** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7512, 19.0004, 16.3679**, and the grayscale version is **14.7498, 15.5179, 16.8990**.

A 20% lighter version of the original color is **34.4112, 35.4840, 46.6304**, and **4.7963, 4.8831, 7.3463** is the 20% darker color. If you saturate the color by 10%, you get **12.6441, 12.6752, 20.8492**, and if you desaturate by 10%, it is **17.8007, 18.6085, 21.7227**.

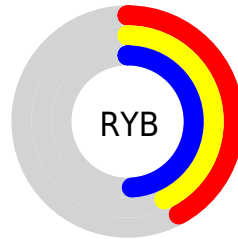
Distribution



Red (42%)

Green (43%)

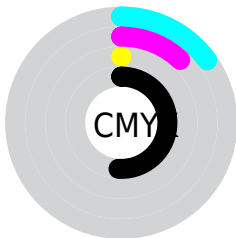
Blue (49%)



Red (42%)

Yellow (43%)

Blue (49%)

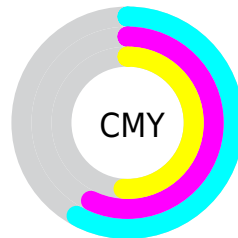


Cyan (15%)

Magenta (12%)

Yellow (0%)

Black (51%)



Cyan (58%)

Magenta (57%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0506, 15.4567, 21.2590 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 15.0506, 15.4567, 21.2590 by changing the saturation by 10% instead.

■ 15.0506, 15.4567,
21.2590

■ 15.0506, 15.4567,
21.2590

217.0546,
226.1141, 271.4779

■ 8.9415, 9.1405,
13.1204

■ 34.5128, 35.6524,
46.4046

■ 4.7598, 4.8330,
7.3798

■ 48.5967, 50.3007,
64.2486

■ 2.1403, 2.1496,
3.6187

■ 66.0694, 68.4952,
86.1648

■ 0.7110, 0.6923,
1.4186

■ 87.2964, 90.6203,
112.5717

■ 0.0000, 0.0000,
0.1562

112.6431,
117.0603, 143.8880

■ 0.0000, 0.0000,
0.0000

142.4748,

148.1997, 180.5321

177.1568,
184.4228, 222.9225

■ 15.0506, 15.4567,
21.2590

■ 15.0506, 15.4567,
21.2590

■ 12.6441, 12.6752,
20.8492

■ 17.8007, 18.6085,
21.7227

■ 10.5663, 10.2485,
20.4903

■ 20.9059, 22.1416,
22.2410

■ 8.8031, 8.1628,
20.1807

■ 24.3788, 26.0690,
22.8160

■ 7.3389, 6.4024,
19.9180

■ 28.2309, 30.4023,
23.4494

■ 6.1569, 4.9508,
19.7002

■ 32.4733, 35.1529,
24.1427

■ 5.2383, 3.7897,
19.5244

■ 37.1165, 40.3315,
24.8976

■ 4.5622, 2.8988,
19.3881

■ 42.1709, 45.9485,
25.7154

■ 4.1003, 2.2532,
19.2879

■ 47.6461, 52.0140,
26.5975

■ 3.9004, 1.9798,
19.2456

■ 53.5518, 58.5377,
27.5455

Harmonies

Analogous

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



14.2897, 15.4567, 21.2155



15.0506, 15.4567, 21.2590



15.7378, 15.4567, 20.0460

Triad

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



15.0506, 15.4567, 21.2590



15.7750, 15.4567, 14.0674



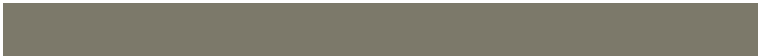
13.3212, 15.4567, 15.6960

Complementary

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



15.0506, 15.4567, 21.2590



17.7512, 19.0004, 16.3679

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.



13.6920, 15.4567, 13.9773



15.0506, 15.4567, 21.2590



15.1000, 15.4567, 13.0943

Square

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



15.0506, 15.4567, 21.2590



16.1657, 15.4567, 15.8290



14.3374, 15.4567, 13.0628



13.3091, 15.4567, 17.8717

Rectangle

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



15.0506, 15.4567, 21.2590



16.0542, 15.4567, 18.7442



14.3374, 15.4567, 13.0628



13.4075, 15.4567, 15.0502

Sweetspot

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



15.0511, 15.4573, 21.2593



31.5419, 32.9941, 38.2627



16.5846, 18.8529, 20.7580



7.3492, 7.6799, 8.9981



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.



15.0511, 15.4573, 21.2593



25.2020, 25.7215, 37.1931



15.4364, 15.1887, 21.1872



3.8467, 3.9917, 5.0109



3.9636, 2.0097, 19.5643



18.4735, 8.7196, 93.1792

Inverse Universe

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



16.2269, 15.6976, 16.6434



27.6413, 26.2408, 27.6125



17.3215, 19.3288, 16.4539



4.0231, 4.0250, 4.3191



8.5840, 4.4097, 1.1002



40.7277, 20.9474, 4.0962

Previews

White Background



This preview shows how the XYZ color 15.0506, 15.4567, 21.2590 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 15.0506, 15.4567, 21.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

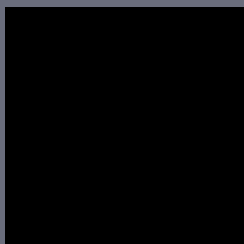
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

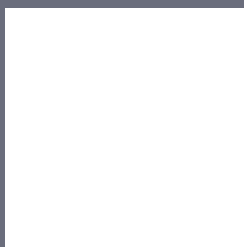
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0506, 15.4567, 21.2590

Background



This preview shows how black text looks on a background with the XYZ color 15.0506, 15.4567, 21.2590.



This preview shows how white text looks on a background with the XYZ color 15.0506, 15.4567,

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

15.0506, 15.4567, 21.2590

Protanopia

15.1701, 15.5183, 21.2646

Deuteranopia

15.7058, 15.4813, 21.2292



Tritanopia

14.7314, 15.4870, 19.6656

Trichromacy



Original Color

15.0506, 15.4567, 21.2590

Protanomaly

15.1701, 15.5183, 21.2646

Deuteranomaly

15.4311, 15.4954, 21.2464

Tritanomaly

14.8528, 15.5356, 20.3050

Monochromacy



Original Color

15.0506, 15.4567, 21.2590

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9771, 15.6409, 18.4493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0506, 15.4567, 21.2590 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(106, 109, 124)` looks like.

```
.text, #text, p{  
    color:rgb(106, 109, 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(106, 109, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 109, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.0506, 15.4567, 21.2590 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(106, 109, 124) }
```


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

```
.border{ border-color:rgb(106, 109, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 109, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 109, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 109, 124);  
box-shadow:4px 4px 4px 4px rgb(106, 109,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0506, 15.4567, 21.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 109, 124) }
```

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

```
.background{ background-color: rgb(106,  
109, 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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