

Converting Colors

XYZ(15.4772, 14.1627, 28.3045)

Have a look what the booklet for
XYZ(15.4772, 14.1627, 28.3045)
contains.

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Color

**XYZ(15.5351, 14.1921,
28.3061)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6490
RGB	106, 100, 144
RGB Percent	42%, 39%, 56%
CMY	0.5843, 0.6078, 0.4353
CMYK	0.26, 0.31, 0.00, 0.44
HSL	248°, 18%, 48%
HSV	248°, 31%, 56%
XYZ	15.5351, 14.1921, 28.3061
YIQ	106.8100, -10.5480, 14.9560

Conversions

Conversions Part 2

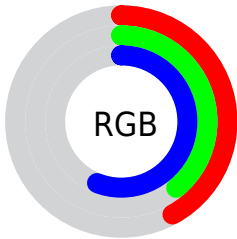
Format	Color
R _Y B	106, 100, 144
Decimal	6972560
CIE Lab	44.51, 12.57, -23.32
CIE LCh	45, 26.494, 298.324
Yxy	14.1921, 0.2677, 0.2446
Android (android.graphics.Color)	4285162640 (0xFF6A6490)
YUV	106.8100, 18.3347, -0.7104
Hunter-Lab	37.6724, 7.6820, -18.1783

Details

The XYZ color **15.5351, 14.1921, 28.3061** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.7549, 26.2701, 15.9284**, and the grayscale version is **13.8759, 14.5985, 15.8978**.

A 20% lighter version of the original color is **35.3602, 33.4795, 58.0246**, and **4.9362, 4.2064, 10.9077** is the 20% darker color. If you saturate the color by 10%, you get **12.9019, 10.9626, 27.8218**, and if you desaturate by 10%, it is **18.6278, 18.0215, 28.8825**.

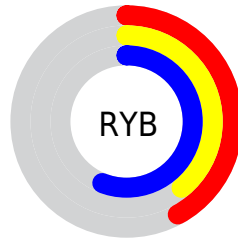
Distribution



Red (42%)

Green (39%)

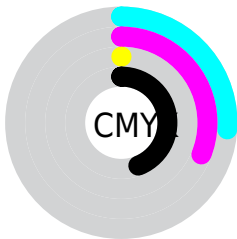
Blue (56%)



Red (42%)

Yellow (39%)

Blue (56%)

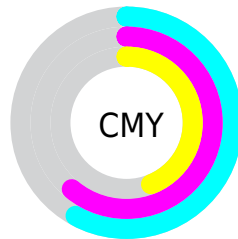


Cyan (26%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5351, 14.1921, 28.3061 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 15.5351, 14.1921, 28.3061 by changing the saturation by 10% instead.

■ 15.5351, 14.1921,
28.3061

■ 15.5351, 14.1921,
28.3061

219.9073,
218.4226, 307.8845

■ 9.2845, 8.2544,
18.3155

■ 35.3532, 33.4295,
58.0017

■ 4.9858, 4.2582,
11.0049

■ 49.6515, 47.4980,
78.5439

■ 2.2736, 1.8190,
5.9559

■ 67.3630, 65.0455,
103.4402

■ 0.7811, 0.4990,
2.7500

■ 88.8532, 86.4565,
133.1093

■ 0.0000, 0.0000,
0.9684

114.4873,
112.1153, 167.9698

■ 0.0000, 0.0000,
0.0000

144.6309,

142.4063, 208.4401

179.6491,
177.7140, 254.9389

■ 15.5351, 14.1921,
28.3061

■ 15.5351, 14.1921,
28.3061

■ 12.9019, 10.9626,
27.8218

■ 18.6278, 18.0215,
28.8825

■ 10.7047, 8.3009,
27.4238

■ 22.1990, 22.4773,
29.5543

■ 8.9200, 6.1744,
27.1074

■ 26.2685, 27.5867,
30.3261

■ 7.5217, 4.5464,
26.8669

■ 30.8546, 33.3746,
31.2015

■ 6.4804, 3.3757,
26.6958

■ 35.9746, 39.8645,
32.1843

■ 5.7626, 2.6144,
26.5867

■ 41.6448, 47.0790,
33.2780

■ 5.3153, 2.1586,
26.5223

■ 47.8812, 55.0396,
34.4859

■ 54.6989, 63.7669,
35.8111

■ 62.1124, 73.2806,
37.2567

Harmonies

Analogous

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



13.3693, 14.1921, 30.4612



15.5351, 14.1921, 28.3061



17.2988, 14.1921, 22.4963

Triad

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



15.5351, 14.1921, 28.3061



15.7651, 14.1921, 7.4429



9.7832, 14.1921, 15.1109

Complementary

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



15.5351, 14.1921, 28.3061



22.7549, 26.2701, 15.9284

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.



10.2844, 14.1921, 10.0583



15.5351, 14.1921, 28.3061



13.6098, 14.1921, 6.4192

Square

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



15.5351, 14.1921, 28.3061



17.4411, 14.1921, 10.5130



11.6312, 14.1921, 7.2333



10.1844, 14.1921, 21.7387

Rectangle

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



15.5351, 14.1921, 28.3061



17.9288, 14.1921, 17.9600



11.6312, 14.1921, 7.2333



9.8506, 14.1921, 13.1905

Sweetspot

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



15.5356, 14.1927, 28.3064



40.0841, 40.8099, 52.3025



19.3976, 22.9385, 29.7910



8.9858, 9.1001, 11.9551



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.5356, 14.1927, 28.3064



23.9752, 20.8247, 49.2940



18.4736, 15.7073, 28.4439



5.1938, 5.2881, 6.7757



4.6413, 1.8863, 23.0965



0.0550, 0.0235, 0.2213

Inverse Universe

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



20.6465, 16.8790, 26.2146



34.5911, 26.4092, 44.7424



19.4941, 24.5891, 15.7758



5.5951, 5.4986, 6.6316



13.2102, 6.4411, 17.2900



0.1320, 0.0638, 0.1951

Previews

White Background



This preview shows how the XYZ color 15.5351, 14.1921, 28.3061 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 15.5351, 14.1921, 28.3061 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 15.5351, 14.1921, 28.3061

Background



This preview shows how black text looks on a background with the XYZ color 15.5351, 14.1921, 28.3061.



This preview shows how white text looks on a background with the XYZ color 15.5351, 14.1921,

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

15.5351, 14.1921, 28.3061

Protanopia

14.6304, 14.2825, 29.5895

Deuteranopia

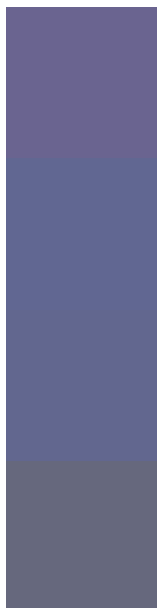
14.5243, 14.2635, 27.9742



Tritanopia

13.4468, 14.2323, 17.9580

Trichromacy



Original Color

15.5351, 14.1921, 28.3061

Protanomaly

14.9683, 14.3172, 29.1687

Deuteranomaly

14.8452, 14.2803, 27.9606

Tritanomaly

14.1315, 14.2061, 21.3993

Monochromacy



Original Color

15.5351, 14.1921, 28.3061

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4039, 14.3825, 19.7862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5351, 14.1921, 28.3061 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, 100, 144)` looks like.

```
.text, #text, p{  
    color:rgb(106, 100, 144)  
}
```

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, 100, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 100, 144) }
```

Border

The CSS property to change the border of an element to XYZ 15.5351, 14.1921, 28.3061 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, 100, 144) }
```


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

```
.border{ border-color:rgb(106, 100, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 100, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 100, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 100, 144); box-shadow:4px 4px 4px 4px rgb(106, 100, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5351, 14.1921, 28.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 100, 144) }
```

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

```
.background{ background-color: rgb(106,  
100, 144) }
```

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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