

Converting Colors

XYZ(14.3138, 13.3163, 36.5607)

Have a look what the booklet for
XYZ(14.3138, 13.3163, 36.5607)
contains.

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Color

**XYZ(14.3099, 13.3784,
36.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	4E64A3
RGB	78, 100, 163
RGB Percent	31%, 39%, 64%
CMY	0.6941, 0.6078, 0.3608
CMYK	0.52, 0.39, 0.00, 0.36
HSL	224°, 35%, 47%
HSV	224°, 52%, 64%
XYZ	14.3099, 13.3784, 36.4784
YIQ	100.6040, -33.3350, 14.9290

Conversions

Conversions Part 2

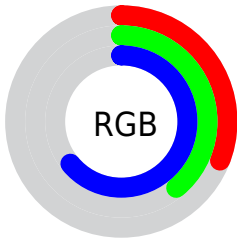
Format	Color
R_{YB}	78, 95, 163
Decimal	5137571
CIE _{Lab}	43.33, 10.27, -36.62
CIE _{LCh}	43, 38.029, 285.665
Yxy	13.3784, 0.2230, 0.2085
Android (android.graphics.Color)	4283327651 (0xFF4E64A3)
YUV	100.6040, 30.7612, -19.8237
Hunter-Lab	36.5765, 5.8261, -33.5274

Details

The XYZ color **14.3099, 13.3784, 36.4784** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.0049, 27.3872, 11.1241**, and the grayscale version is **12.1978, 12.8330, 13.9752**.

A 20% lighter version of the original color is **33.2372, 32.1007, 70.7739**, and **4.4379, 3.9146, 15.5606** is the 20% darker color. If you saturate the color by 10%, you get **12.0621, 10.6253, 36.0657**, and if you desaturate by 10%, it is **17.0615, 16.6468, 36.9645**.

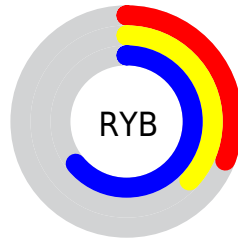
Distribution



Red (31%)

Green (39%)

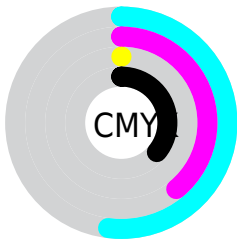
Blue (64%)



Red (31%)

Yellow (37%)

Blue (64%)

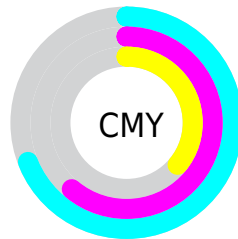


Cyan (52%)

Magenta (39%)

Yellow (0%)

Black (36%)



Cyan (69%)

Magenta (61%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3099, 13.3784, 36.4784 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 14.3099, 13.3784, 36.4784 by changing the saturation by 10% instead.

■ 14.3099, 13.3784,
36.4784

■ 14.3099, 13.3784,
36.4784

212.6225,
213.3287, 346.1472

■ 8.4197, 7.6896,
24.5113

■ 33.2196, 31.9819,
70.9472

■ 4.4187, 3.8970,
15.4976

■ 46.9697, 45.6655,
94.2859

■ 1.9416, 1.6161,
9.0189

■ 64.0706, 62.7828,
122.2522

■ 0.6009, 0.3684,
4.6565

■ 84.8875, 83.7182,
155.2648

■ 0.0000, 0.0000,
1.9920

■ 109.7858,
108.8561, 193.7420

■ 0.0000, 0.0000,
0.5503

139.1308,

■ 0.0000, 0.0000,

138.5809, 238.1024

0.0000

173.2879,
173.2770, 288.7646

■ 14.3099, 13.3784,
36.4784

■ 14.3099, 13.3784,
36.4784

■ 12.0621, 10.6253,
36.0657

■ 17.0615, 16.6468,
36.9645

■ 10.2843, 8.3581,
35.7218

■ 20.3450, 20.4548,
37.5265

■ 8.9403, 6.5466,
35.4430

■ 24.1878, 24.8267,
38.1678

■ 7.9876, 5.1556,
35.2247

■ 28.6153, 29.7849,
38.8915

■ 7.4455, 4.3135,
35.0908

■ 33.6509, 35.3505,
39.7003

■ 39.3171, 41.5437,
40.5971

■ 45.6350, 48.3834,
41.5843

■ 52.6247, 55.8881,
42.6645

■ 60.3055, 64.0752,
43.8399

Harmonies

Analogous

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



11.3623, 13.3784, 36.6588



14.3099, 13.3784, 36.4784



17.2204, 13.3784, 29.1265

Triad

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



14.3099, 13.3784, 36.4784



17.1066, 13.3784, 5.7622



7.9733, 13.3784, 10.9032

Complementary

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



14.3099, 13.3784, 36.4784



26.0049, 27.3872, 11.1241

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.



9.0744, 13.3784, 5.9072



14.3099, 13.3784, 36.4784



14.1727, 13.3784, 3.8149

Square

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



14.3099, 13.3784, 36.4784



18.9975, 13.3784, 10.6055



11.2447, 13.3784, 3.8550



7.9983, 13.3784, 19.4089

Rectangle

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



14.3099, 13.3784, 36.4784



18.6167, 13.3784, 22.3396



11.2447, 13.3784, 3.8550



8.2156, 13.3784, 8.8452

Sweetspot

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



14.3104, 13.3789, 36.4787



47.8256, 49.5256, 69.0948



20.9978, 29.7178, 29.5699



10.3950, 10.7352, 15.4617



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



14.3104, 13.3789, 36.4787



20.8920, 18.1388, 64.4561



14.3549, 10.6812, 35.9557



6.8426, 7.1442, 8.9214



5.8188, 3.4171, 27.2827



0.1581, 0.1435, 0.5852

Inverse Universe

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



20.1293, 14.1560, 13.7284



32.7676, 20.6263, 17.8239



25.8294, 32.5993, 12.1394



7.1455, 7.1147, 7.7527



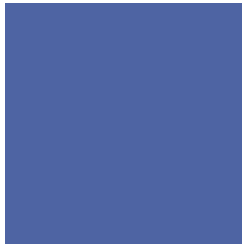
12.0825, 6.1891, 2.3594



0.2720, 0.1373, 0.1448

Previews

White Background



This preview shows how the XYZ color 14.3099, 13.3784, 36.4784 looks on a white background.

Color Contrast Check

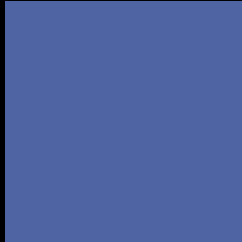
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3099, 13.3784, 36.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

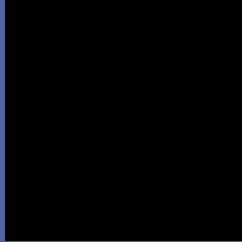
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3099, 13.3784, 36.4784

Background



This preview shows how black text looks on a background with the XYZ color 14.3099, 13.3784, 36.4784.



This preview shows how white text looks on a background with the XYZ color 14.3099, 13.3784,

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

14.3099, 13.3784, 36.4784

Protanopia

14.3099, 13.3784, 36.4784

Deuteranopia

13.6569, 13.3403, 36.0376



Tritanopia

10.7886, 13.3020, 19.1385

Trichromacy



Original Color

14.3099, 13.3784, 36.4784

Protanomaly

14.3099, 13.3784, 36.4784

Deuteranomaly

13.8478, 13.2937, 36.0185

Tritanomaly

11.8410, 13.2582, 24.4893

Monochromacy



Original Color

14.3099, 13.3784, 36.4784

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.8060, 13.0898, 20.9204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3099, 13.3784, 36.4784 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(78, 100, 163)` looks like.

```
.text, #text, p{  
    color:rgb(78, 100, 163)  
}
```

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(78, 100, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 100, 163) }
```

Border

The CSS property to change the border of an element to XYZ 14.3099, 13.3784, 36.4784 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(78, 100, 163) }
```


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

```
.border{ border-color:rgb(78, 100, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 100, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 100, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 100, 163);  
box-shadow:4px 4px 4px 4px rgb(78, 100,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3099, 13.3784, 36.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 100, 163) }
```

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

```
.background{ background-color: rgb(78, 100,  
163) }
```

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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