

Converting Colors

XYZ(14.6203, 13.4748, 39.3664)

Have a look what the booklet for
XYZ(14.6203, 13.4748, 39.3664)
contains.

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Color

**XYZ(14.6203, 13.4748,
39.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	4B64A9
RGB	75, 100, 169
RGB Percent	29%, 39%, 66%
CMY	0.7059, 0.6078, 0.3373
CMYK	0.56, 0.41, 0.00, 0.34
HSL	224°, 39%, 48%
HSV	224°, 56%, 66%
XYZ	14.6203, 13.4748, 39.3664
YIQ	100.3910, -37.0490, 16.1590

Conversions

Conversions Part 2

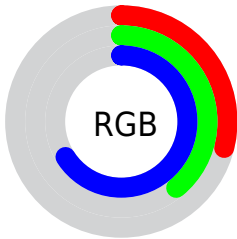
Format	Color
R _Y B	75, 95, 169
Decimal	4940969
CIE Lab	43.47, 11.57, -39.94
CIE LCh	43, 41.585, 286.147
Yxy	13.4748, 0.2167, 0.1997
Android (android.graphics.Color)	4283131049 (0xFF4B64A9)
YUV	100.3910, 33.8242, -22.2679
Hunter-Lab	36.7080, 6.8550, -37.8881

Details

The XYZ color **14.6203, 13.4748, 39.3664** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.6064, 28.8910, 10.7790**, and the grayscale version is **12.1365, 12.7686, 13.9050**.

A 20% lighter version of the original color is **33.8631, 32.3153, 75.6869**, and **4.5467, 3.9380, 17.0435** is the 20% darker color. If you saturate the color by 10%, you get **12.3691, 10.6805, 38.9460**, and if you desaturate by 10%, it is **17.4048, 16.8134, 39.8643**.

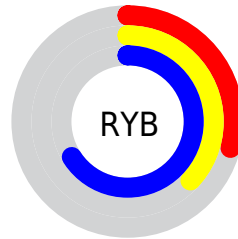
Distribution



Red (29%)

Green (39%)

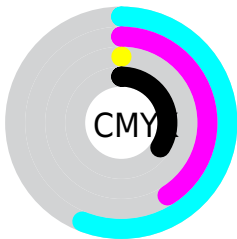
Blue (66%)



Red (29%)

Yellow (37%)

Blue (66%)

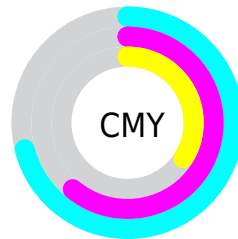


Cyan (56%)

Magenta (41%)

Yellow (0%)

Black (34%)



Cyan (71%)

Magenta (61%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6203, 13.4748, 39.3664 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 14.6203, 13.4748, 39.3664 by changing the saturation by 10% instead.

■ 14.6203, 13.4748,
39.3664

■ 14.6203, 13.4748,
39.3664

214.4906,
213.9386, 358.9181

■ 8.6379, 7.7563,
26.7349

■ 33.7628, 32.1542,
75.4242

■ 4.5610, 3.9394,
17.1435

■ 47.6537, 45.8839,
99.6876

■ 2.0241, 1.6397,
10.1738

■ 64.9114, 63.0527,
128.6653

■ 0.6475, 0.3842,
5.4073

■ 85.9014, 84.0452,
162.7759

■ 0.0000, 0.0000,
2.4253

■ 110.9889,
109.2456, 202.4380

■ 0.0000, 0.0000,
0.8001

140.5394,

■ 0.0000, 0.0000,

139.0384, 248.0700

0.0000

174.9182,
173.8079, 300.0905

■ 14.6203, 13.4748,
39.3664

■ 14.6203, 13.4748,
39.3664

■ 12.3691, 10.6805,
38.9460

■ 17.4048, 16.8134,
39.8643

■ 10.6131, 8.3982,
38.5980

■ 20.7542, 20.7234,
40.4425

■ 9.3110, 6.5937,
38.3183

■ 24.6991, 25.2314,
41.1047

■ 8.4110, 5.2260,
38.1018

■ 29.2675, 30.3622,
41.8543

■ 8.0977, 4.7370,
38.0239

■ 34.4857, 36.1387,
42.6942

■ 40.3783, 42.5830,
43.6275

■ 46.9686, 49.7159,
44.6570

■ 54.2789, 57.5575,
45.7853

■ 62.3304, 66.1267,
47.0149

Harmonies

Analogous

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



11.3722, 13.4748, 39.7248



14.6203, 13.4748, 39.3664



17.8487, 13.4748, 30.8398

Triad

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



14.6203, 13.4748, 39.3664



17.6293, 13.4748, 5.1966



7.6587, 13.4748, 10.7993

Complementary

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



14.6203, 13.4748, 39.3664



27.6064, 28.8910, 10.7790

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.



8.8178, 13.4748, 5.4538



14.6203, 13.4748, 39.3664



14.3585, 13.4748, 3.2687

Square

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



14.6203, 13.4748, 39.3664



19.7761, 13.4748, 10.2460



11.1509, 13.4748, 3.3372



7.7046, 13.4748, 20.2175

Rectangle

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



14.6203, 13.4748, 39.3664



19.3959, 13.4748, 23.1392



11.1509, 13.4748, 3.3372



7.9106, 13.4748, 8.5722

Sweetspot

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



14.6208, 13.4753, 39.3667



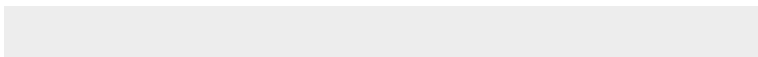
50.9566, 52.7476, 74.7207



22.1192, 31.8838, 31.3479



10.7565, 11.1052, 16.2287



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



14.6208, 13.4753, 39.3667



21.2586, 17.9879, 69.5766



14.6010, 10.4354, 38.7810



7.2881, 7.6130, 9.5037



6.0738, 3.6078, 28.3517



0.1887, 0.1697, 0.7035

Inverse Universe

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



21.1790, 14.3881, 13.7178



34.5387, 20.9467, 17.3897



27.5031, 35.0935, 11.9817



7.6100, 7.5739, 8.2634



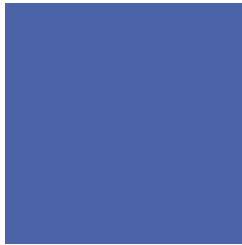
12.5664, 6.4353, 2.5281



0.3264, 0.1648, 0.1704

Previews

White Background



This preview shows how the XYZ color 14.6203, 13.4748, 39.3664 looks on a white background.

Color Contrast Check

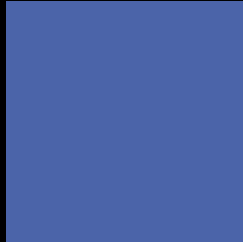
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6203, 13.4748, 39.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

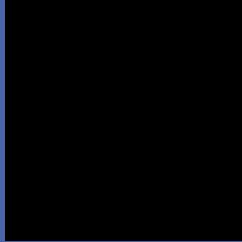
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6203, 13.4748, 39.3664

Background



This preview shows how black text looks on a background with the XYZ color 14.6203, 13.4748, 39.3664.



This preview shows how white text looks on a background with the XYZ color 14.6203, 13.4748,

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

14.6203, 13.4748, 39.3664

Protanopia

14.5426, 13.4348, 39.3628

Deuteranopia

13.8426, 13.5197, 38.9258



Tritanopia

10.7055, 13.5657, 19.8235

Trichromacy



Original Color

14.6203, 13.4748, 39.3664

Protanomaly

14.5426, 13.4348, 39.3628

Deuteranomaly

14.0660, 13.4881, 38.9079

Tritanomaly

11.8950, 13.4071, 26.0057

Monochromacy



Original Color

14.6203, 13.4748, 39.3664

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.5732, 12.8192, 21.2137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6203, 13.4748, 39.3664 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(75, 100, 169)` looks like.

```
.text, #text, p{  
    color:rgb(75, 100, 169)  
}
```

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(75, 100, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 100, 169) }
```

Border

The CSS property to change the border of an element to XYZ 14.6203, 13.4748, 39.3664 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(75, 100, 169) }
```


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

```
.border{ border-color:rgb(75, 100, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 100, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 100, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 100, 169);  
box-shadow:4px 4px 4px 4px rgb(75, 100,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6203, 13.4748, 39.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 100, 169) }
```

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

```
.background{ background-color: rgb(75, 100,  
169) }
```

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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