

Converting Colors

XYZ(14.7113, 14.0273, 43.0065)

Have a look what the booklet for
XYZ(14.7113, 14.0273, 43.0065)
contains.

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Color

**XYZ(14.7113, 14.0273,
43.0065)**

Conversions

Conversions Part 1

Format	Color
Hex	3D68B0
RGB	61, 104, 176
RGB Percent	24%, 41%, 69%
CMY	0.7608, 0.5922, 0.3098
CMYK	0.65, 0.41, 0.00, 0.31
HSL	218°, 49%, 46%
HSV	218°, 65%, 69%
XYZ	14.7113, 14.0273, 43.0065
YIQ	99.3510, -48.7400, 13.2760

Conversions

Conversions Part 2

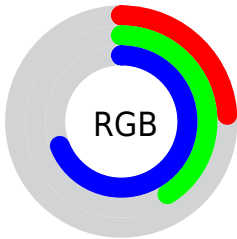
Format	Color
R _Y B	61, 92, 176
Decimal	4024496
CIE Lab	44.27, 8.66, -42.82
CIE LCh	44, 43.692, 281.436
Yxy	14.0273, 0.2050, 0.1955
Android (android.graphics.Color)	4282214576 (0xFF3D68B0)
YUV	99.3510, 37.7880, -33.6338
Hunter-Lab	37.4530, 4.5708, -41.8643

Details

The XYZ color **14.7113, 14.0273, 43.0065** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **27.1357, 26.3442, 8.0707**, and the grayscale version is **11.8653, 12.4832, 13.5942**.

A 20% lighter version of the original color is **33.8946, 33.1908, 80.9640**, and **5.0882, 4.4562, 19.3308** is the 20% darker color. If you saturate the color by 10%, you get **12.7627, 11.4824, 42.6183**, and if you desaturate by 10%, it is **17.1615, 17.0463, 43.4604**.

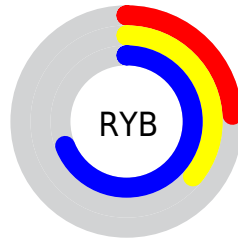
Distribution



Red (24%)

Green (41%)

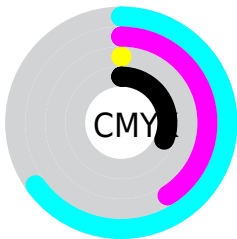
Blue (69%)



Red (24%)

Yellow (36%)

Blue (69%)

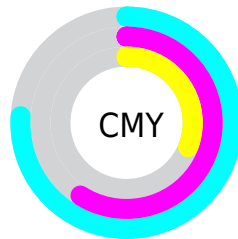


Cyan (65%)

Magenta (41%)

Yellow (0%)

Black (31%)



Cyan (76%)

Magenta (59%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7113, 14.0273, 43.0065 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 14.7113, 14.0273, 43.0065 by changing the saturation by 10% instead.

■ 14.7113, 14.0273,
43.0065

■ 14.7113, 14.0273,
43.0065

215.0353,
217.4006, 374.5605

■ 8.7020, 8.1397,
29.5588

■ 33.9217, 33.1375,
81.0071

■ 4.6029, 4.1844,
19.2547

■ 47.8536, 47.1288,
106.3971

■ 2.0485, 1.7773,
11.6758

■ 65.1571, 64.5901,
136.6049

■ 0.6610, 0.4729,
6.4035

■ 86.1974, 85.9058,
172.0491

■ 0.0000, 0.0000,
3.0192

■ 111.3401,
111.4603, 213.1483

■ 0.0000, 0.0000,
1.1045

140.9504,

■ 0.0000, 0.0000,

141.6380, 260.3208

0.0000

175.3937,
176.8233, 313.9854

■ 14.7113, 14.0273,
43.0065

■ 14.7113, 14.0273,
43.0065

■ 12.7627, 11.4824,
42.6183

■ 17.1615, 17.0463,
43.4604

■ 11.2720, 9.3804,
42.2911

■ 20.1483, 20.5647,
43.9821

■ 10.1888, 7.6866,
42.0213

■ 23.7052, 24.6076,
44.5750

■ 9.7732, 7.0080,
41.9122

■ 27.8624, 29.1975,
45.2418

■ 32.6477, 34.3555,
45.9852

■ 38.0873, 40.1018,
46.8076

■ 44.2058, 46.4552,
47.7115

■ 51.0264, 53.4337,
48.6990

■ 58.5711, 61.0546,
49.7723

Harmonies

Analogous

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



11.3036, 14.0273, 41.7823



14.7113, 14.0273, 43.0065



18.2981, 14.0273, 34.7471

Triad

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



14.7113, 14.0273, 43.0065



19.0381, 14.0273, 5.7424



7.9183, 14.0273, 9.9245

Complementary

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



14.7113, 14.0273, 43.0065



27.1357, 26.3442, 8.0707

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.



9.3579, 14.0273, 4.9047



14.7113, 14.0273, 43.0065



15.5908, 14.0273, 3.3226

Square

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



14.7113, 14.0273, 43.0065



21.0724, 14.0273, 11.7630



12.0427, 14.0273, 3.1034



7.7664, 14.0273, 19.4206

Rectangle

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



14.7113, 14.0273, 43.0065



20.1563, 14.0273, 26.4605



12.0427, 14.0273, 3.1034



8.2542, 14.0273, 7.7897

Sweetspot

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



14.7119, 14.0278, 43.0069



54.7152, 57.4881, 82.7078



21.6098, 33.7070, 27.1682



11.3519, 11.9117, 17.8452



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



14.7119, 14.0278, 43.0069



21.9626, 19.1959, 77.0429



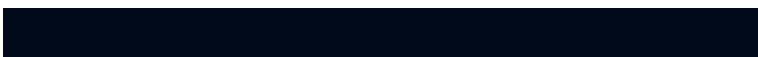
12.3624, 7.9456, 41.9567



8.2936, 8.7334, 10.7549



7.2230, 5.2463, 30.7689



0.2844, 0.2793, 0.9872

Inverse Universe

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



22.0725, 13.5680, 14.5525



36.8701, 20.3579, 18.9449



31.3873, 39.1307, 10.3146



8.6234, 8.5561, 9.5152



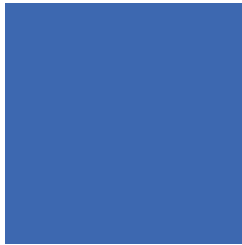
13.8805, 7.0697, 4.5305



0.4656, 0.2340, 0.2944

Previews

White Background



This preview shows how the XYZ color 14.7113, 14.0273, 43.0065 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 14.7113, 14.0273, 43.0065 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 14.7113, 14.0273, 43.0065

Background



This preview shows how black text looks on a background with the XYZ color 14.7113, 14.0273, 43.0065.



This preview shows how white text looks on a background with the XYZ color 14.7113, 14.0273,

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

14.7113, 14.0273, 43.0065

Protanopia

15.2154, 14.0146, 41.9475

Deuteranopia

14.4094, 14.0220, 43.0214



Tritanopia

10.2755, 13.9779, 21.2252

Trichromacy



Original Color

14.7113, 14.0273, 43.0065

Protanomaly

15.0424, 14.0609, 42.4786

Deuteranomaly

14.5754, 14.1076, 43.0291

Tritanomaly

11.5568, 13.8235, 28.0457

Monochromacy



Original Color

14.7113, 14.0273, 43.0065

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.2308, 12.7710, 21.8991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7113, 14.0273, 43.0065 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(61, 104, 176)` looks like.

```
.text, #text, p{  
    color:rgb(61, 104, 176)  
}
```

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(61, 104, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 104, 176) }
```

Border

The CSS property to change the border of an element to XYZ 14.7113, 14.0273, 43.0065 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(61, 104, 176) }
```


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

```
.border{ border-color:rgb(61, 104, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 104, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 104, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 104, 176);  
box-shadow:4px 4px 4px 4px rgb(61, 104,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7113, 14.0273, 43.0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 104, 176) }
```

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

```
.background{ background-color: rgb(61, 104,  
176) }
```

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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