

Converting Colors

XYZ(14.4595, 10.5294, 43.1000)

Have a look what the booklet for
XYZ(14.4595, 10.5294, 43.1000)
contains.

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Color

**XYZ(14.4065, 10.5544,
42.8729)**

Conversions

Conversions Part 1

Format	Color
Hex	554EB1
RGB	85, 78, 177
RGB Percent	33%, 31%, 69%
CMY	0.6667, 0.6941, 0.3059
CMYK	0.52, 0.56, 0.00, 0.31
HSL	244°, 39%, 50%
HSV	244°, 56%, 69%
XYZ	14.4065, 10.5544, 42.8729
YIQ	91.3790, -27.6070, 32.2730

Conversions

Conversions Part 2

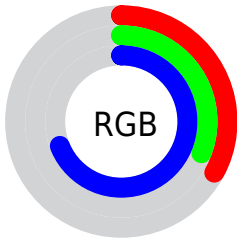
Format	Color
R _Y B	85, 78, 177
Decimal	5590705
CIE Lab	38.82, 30.30, -52.07
CIE LCh	39, 60.246, 300.192
Yxy	10.5544, 0.2124, 0.1556
Android (android.graphics.Color)	4283780785 (0xFF554EB1)
YUV	91.3790, 42.2112, -5.5944
Hunter-Lab	32.4875, 22.3021, -55.5021

Details

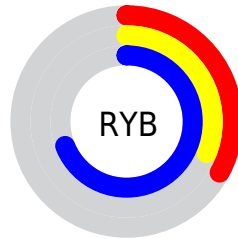
The XYZ color **14.4065, 10.5544, 42.8729** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **33.6744, 40.5403, 13.2581**, and the grayscale version is **9.9419, 10.4597, 11.3906**.

A 20% lighter version of the original color is **33.2819, 26.7247, 80.4950**, and **4.4283, 2.6772, 19.0222** is the 20% darker color. If you saturate the color by 10%, you get **11.9904, 7.6867, 42.4470**, and if you desaturate by 10%, it is **17.5091, 14.2785, 43.4284**.

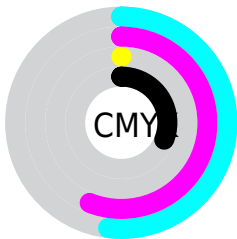
Distribution



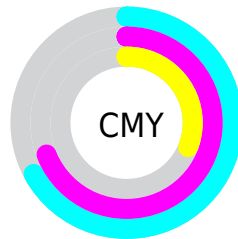
- Red (33%)
- Green (31%)
- Blue (69%)



- Red (33%)
- Yellow (31%)
- Blue (69%)



- Cyan (52%)
- Magenta (56%)
- Yellow (0%)
- Black (31%)



- Cyan (67%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4065, 10.5544, 42.8729 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 14.4065, 10.5544, 42.8729 by changing the saturation by 10% instead.

■ 14.4065, 10.5544,
42.8729

■ 14.4065, 10.5544,
42.8729

213.2056,
194.5844, 373.9947

■ 8.4875, 5.7681,
29.4547

■ 33.3889, 26.8332,
80.8033

■ 4.4629, 2.7046,
19.1766

■ 47.1829, 39.0944,
106.1527

■ 1.9672, 0.9795,
11.6198

■ 64.3328, 54.6161,
136.3162

■ 0.6154, 0.0000,
6.3660

■ 85.2037, 73.7825,
171.7123

■ 0.0000, 0.0000,
2.9965

■ 110.1611, 96.9782,
212.7597

■ 0.0000, 0.0000,
1.0929

139.5703,

■ 0.0000, 0.0000,

124.5875, 259.8769

0.0000

173.7967,
156.9947, 313.4823

■ 14.4065, 10.5544,
42.8729

■ 14.4065, 10.5544,
42.8729

■ 11.9904, 7.6867,
42.4470

■ 17.5091, 14.2785,
43.4284

■ 10.2070, 5.6061,
42.1394

■ 21.3435, 18.9188,
44.1220

■ 8.9971, 4.2343,
41.9383

■ 25.9528, 24.5311,
44.9623

■ 8.2867, 3.4712,
41.8285

■ 31.3765, 31.1661,
45.9572

■ 8.0949, 3.2563,
41.7971

■ 37.6513, 38.8714,
47.1137

■ 44.8116, 47.6913,
48.4388

■ 52.8900, 57.6677,
49.9386

■ 61.9174, 68.8403,
51.6194

■ 71.9233, 81.2470,
53.4867

Harmonies

Analogous

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



10.0574, 10.5544, 50.4508



14.4065, 10.5544, 42.8729



18.2713, 10.5544, 26.2425

Triad

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



14.4065, 10.5544, 42.8729



14.3497, 10.5544, 1.0258



4.1486, 10.5544, 11.5659

Complementary

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



14.4065, 10.5544, 42.8729



33.6744, 40.5403, 13.2581

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.



4.7380, 10.5544, 3.6639



14.4065, 10.5544, 42.8729



10.0059, 10.5544, 0.4673

Square

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



14.4065, 10.5544, 42.8729



18.2329, 10.5544, 3.6045



6.6464, 10.5544, 1.0406



4.7536, 10.5544, 26.4648

Rectangle

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



14.4065, 10.5544, 42.8729



19.6514, 10.5544, 15.6564



6.6464, 10.5544, 1.0406



4.2111, 10.5544, 8.1404

Sweetspot

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



14.4070, 10.5547, 42.8732



54.7863, 54.0922, 82.0486



25.5277, 33.6939, 46.7534



11.4472, 11.2011, 17.7030



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.



14.4070, 10.5547, 42.8732



20.6734, 12.8252, 75.8812



20.5079, 13.6999, 43.1587



8.0958, 8.2579, 10.6736



5.8855, 2.3699, 30.2842



0.2035, 0.0840, 0.9537

Inverse Universe

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



28.1115, 17.6983, 39.9634



47.7757, 26.9675, 69.4450



24.9687, 36.0523, 12.8507



8.8236, 8.6361, 10.5693



18.0327, 8.7306, 26.3956



0.5751, 0.2778, 0.8710

Previews

White Background



This preview shows how the XYZ color 14.4065, 10.5544, 42.8729 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 14.4065, 10.5544, 42.8729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

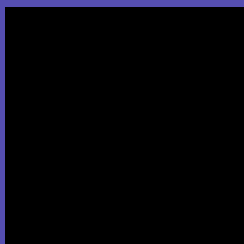
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4065, 10.5544, 42.8729

Background



This preview shows how black text looks on a background with the XYZ color 14.4065, 10.5544, 42.8729.



This preview shows how white text looks on a background with the XYZ color 14.4065, 10.5544,

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

14.4065, 10.5544, 42.8729

Protanopia

12.4594, 10.5673, 48.3967

Deuteranopia

10.5252, 10.4730, 36.1171



Tritanopia

8.8111, 10.5934, 14.9449

Trichromacy



Original Color

14.4065, 10.5544, 42.8729

Protanomaly

12.2826, 10.0509, 46.0924

Deuteranomaly

11.1227, 10.0979, 38.4087

Tritanomaly

10.2787, 10.2531, 22.9100

Monochromacy



Original Color

14.4065, 10.5544, 42.8729

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.9605, 10.1846, 19.8005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4065, 10.5544, 42.8729 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(85, 78, 177)` looks like.

```
.text, #text, p{  
    color:rgb(85, 78, 177)  
}
```

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(85, 78, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 78, 177) }
```

Border

The CSS property to change the border of an element to XYZ 14.4065, 10.5544, 42.8729 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(85, 78, 177) }
```


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

```
.border{ border-color:rgb(85, 78, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 78, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 78, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 78, 177);  
box-shadow:4px 4px 4px 4px rgb(85, 78,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4065, 10.5544, 42.8729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 78, 177) }
```

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

```
.background{ background-color: rgb(85, 78,  
177) }
```

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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