

Converting Colors

XYZ(13.8925, 13.3608, 35.4033)

Have a look what the booklet for
XYZ(13.8925, 13.3608, 35.4033)
contains.

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Color

**XYZ(13.9107, 13.3364,
35.5592)**

Conversions

Conversions Part 1

Format	Color
Hex	4A65A1
RGB	74, 101, 161
RGB Percent	29%, 40%, 63%
CMY	0.7098, 0.6039, 0.3686
CMYK	0.54, 0.37, 0.00, 0.37
HSL	221°, 37%, 46%
HSV	221°, 54%, 63%
XYZ	13.9107, 13.3364, 35.5592
YIQ	99.7670, -35.3520, 12.9360

Conversions

Conversions Part 2

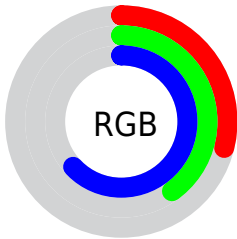
Format	Color
R_{YB}	74, 95, 161
Decimal	4875681
CIE _{Lab}	43.27, 8.04, -35.55
CIE _{LCh}	43, 36.445, 282.744
Yxy	13.3364, 0.2215, 0.2123
Android (android.graphics.Color)	4283065761 (0xFF4A65A1)
YUV	99.7670, 30.1879, -22.5977
Hunter-Lab	36.5190, 4.0853, -32.1683

Details

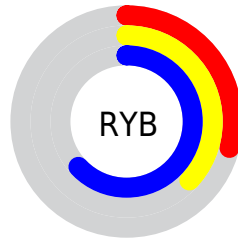
The XYZ color **13.9107, 13.3364, 35.5592** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **24.4597, 25.1225, 10.0392**, and the grayscale version is **11.9864, 12.6106, 13.7329**.

A 20% lighter version of the original color is **32.5250, 32.0035, 69.4288**, and **4.2517, 3.9010, 14.9969** is the 20% darker color. If you saturate the color by 10%, you get **11.8199, 10.7650, 35.1733**, and if you desaturate by 10%, it is **16.4654, 16.3637, 36.0091**.

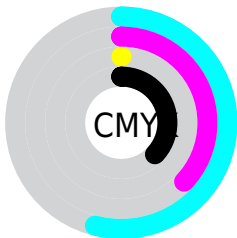
Distribution



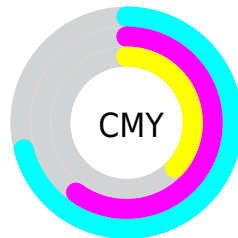
- Red (29%)
- Green (40%)
- Blue (63%)



- Red (29%)
- Yellow (37%)
- Blue (63%)



- Cyan (54%)
- Magenta (37%)
- Yellow (0%)
- Black (37%)



- Cyan (71%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9107, 13.3364, 35.5592 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 13.9107, 13.3364, 35.5592 by changing the saturation by 10% instead.

■ 13.9107, 13.3364,
35.5592

■ 13.9107, 13.3364,
35.5592

210.1963,
213.0625, 342.0087

■ 8.1399, 7.6606,
23.8070

■ 32.5181, 31.9068,
69.5125

■ 4.2371, 3.8786,
14.9796

■ 46.0853, 45.5703,
92.5507

■ 1.8371, 1.6059,
8.6586

■ 62.9821, 62.6650,
120.1879

■ 0.5399, 0.3615,
4.4254

■ 83.5738, 83.5755,
152.8427

■ 0.0000, 0.0000,
1.8615

■ 108.2257,
108.6861, 190.9337

■ 0.0000, 0.0000,
0.4681

137.3032,

■ 0.0000, 0.0000,

138.3812, 234.8793

0.0000

171.1716,
173.0452, 285.0981

■ 13.9107, 13.3364,
35.5592

■ 13.9107, 13.3364,
35.5592

■ 11.8199, 10.7650,
35.1733

■ 16.4654, 16.3637,
36.0091

■ 10.1610, 8.6236,
34.8474

■ 19.5101, 19.8677,
36.5250

■ 8.9000, 6.8858,
34.5785

■ 23.0706, 23.8697,
37.1098

■ 7.9961, 5.5208,
34.3626

■ 27.1704, 28.3893,
37.7661

■ 7.5721, 4.8513,
34.2558

■ 31.8315, 33.4446,
38.4962

■ 37.0747, 39.0532,
39.3024

■ 42.9197, 45.2317,
40.1869

■ 49.3852, 51.9960,
41.1518

■ 56.4891, 59.3613,
42.1990

Harmonies

Analogous

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



11.1336, 13.3364, 34.9871



13.9107, 13.3364, 35.5592



16.7262, 13.3364, 29.1815

Triad

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



13.9107, 13.3364, 35.5592



17.0921, 13.3364, 6.3223



8.1686, 13.3364, 10.3825

Complementary

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



13.9107, 13.3364, 35.5592



24.4597, 25.1225, 10.0392

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.



9.3386, 13.3364, 5.8383



13.9107, 13.3364, 35.5592



14.3543, 13.3364, 4.1631

Square

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



13.9107, 13.3364, 35.5592



18.7379, 13.3364, 11.3562



11.5163, 13.3364, 4.0270



8.0864, 13.3364, 18.2253

Rectangle

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



13.9107, 13.3364, 35.5592



18.1363, 13.3364, 22.8623



11.5163, 13.3364, 4.0270



8.4388, 13.3364, 8.5044

Sweetspot

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



13.9112, 13.3369, 35.5595



46.9096, 48.9260, 67.3578



19.8342, 28.6519, 26.8392



9.9728, 10.3839, 14.7223



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



13.9112, 13.3369, 35.5595



20.4550, 18.3767, 62.8555



13.0940, 9.6426, 34.8895



6.8715, 7.2019, 8.9310



6.0803, 3.9401, 27.3698



0.1681, 0.1634, 0.5885

Inverse Universe

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



19.4961, 13.4148, 13.8740



31.8330, 19.6055, 18.4361



25.6672, 32.0088, 11.3047



7.1601, 7.1205, 7.8294



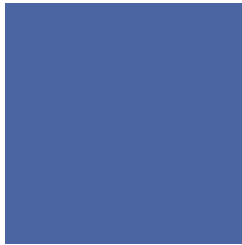
12.2145, 6.2419, 3.0544



0.2770, 0.1393, 0.1714

Previews

White Background



This preview shows how the XYZ color 13.9107, 13.3364, 35.5592 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 13.9107, 13.3364, 35.5592 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

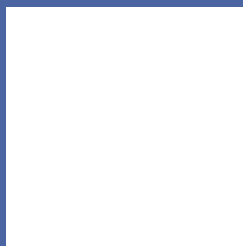
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9107, 13.3364, 35.5592

Background



This preview shows how black text looks on a background with the XYZ color 13.9107, 13.3364, 35.5592.



This preview shows how white text looks on a background with the XYZ color 13.9107, 13.3364,

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

13.9107, 13.3364, 35.5592

Protanopia

14.2106, 13.3579, 35.0871

Deuteranopia

13.7102, 13.3780, 35.5778



Tritanopia

10.7093, 13.4136, 19.4774

Trichromacy



Original Color

13.9107, 13.3364, 35.5592

Protanomaly

14.0442, 13.2721, 35.0793

Deuteranomaly

13.7829, 13.4155, 35.5812

Tritanomaly

11.6751, 13.3266, 24.5112

Monochromacy



Original Color

13.9107, 13.3364, 35.5592

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.3844, 12.7436, 20.2194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9107, 13.3364, 35.5592 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(74, 101, 161)` looks like.

```
.text, #text, p{  
    color:rgb(74, 101, 161)  
}
```

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(74, 101, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 101, 161) }
```

Border

The CSS property to change the border of an element to XYZ 13.9107, 13.3364, 35.5592 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(74, 101, 161) }
```


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

```
.border{ border-color:rgb(74, 101, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 101, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 101, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 101, 161);  
box-shadow:4px 4px 4px 4px rgb(74, 101,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9107, 13.3364, 35.5592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 101, 161) }
```

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

```
.background{ background-color: rgb(74, 101,  
161) }
```

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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