

Converting Colors

XYZ(14.5934, 15.1093, 35.1929)

Have a look what the booklet for
XYZ(14.5934, 15.1093, 35.1929)
contains.

XYZ(14.5936, 15.0676, 35.3969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.5936, 15.0676,
35.3969)**

Conversions

Conversions Part 1

Format	Color
Hex	486EA0
RGB	72, 110, 160
RGB Percent	28%, 43%, 63%
CMY	0.7176, 0.5686, 0.3725
CMYK	0.55, 0.31, 0.00, 0.37
HSL	214°, 38%, 45%
HSV	214°, 55%, 63%
XYZ	14.5936, 15.0676, 35.3969
YIQ	104.3380, -38.6980, 7.4940

Conversions

Conversions Part 2

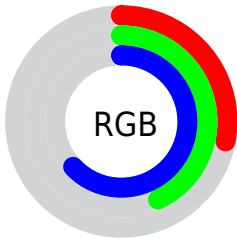
Format	Color
R_{YB}	72, 99, 160
Decimal	4746912
CIE _{Lab}	45.73, 1.68, -31.09
CIE _{LCh}	46, 31.140, 273.085
Yxy	15.0676, 0.2243, 0.2316
Android (android.graphics.Color)	4282936992 (0xFF486EA0)
YUV	104.3380, 27.4414, -28.3604
Hunter-Lab	38.8170, -0.8211, -26.8941

Details

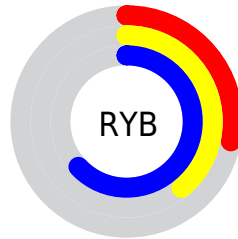
The XYZ color **14.5936, 15.0676, 35.3969** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **22.6273, 21.8617, 9.1589**, and the grayscale version is **13.1853, 13.8720, 15.1066**.

A 20% lighter version of the original color is **33.6148, 34.8317, 69.2415**, and **4.5469, 4.6700, 14.8491** is the 20% darker color. If you saturate the color by 10%, you get **12.6213, 12.6689, 35.0381**, and if you desaturate by 10%, it is **16.9780, 17.8287, 35.8045**.

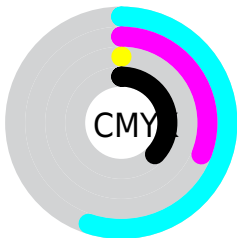
Distribution



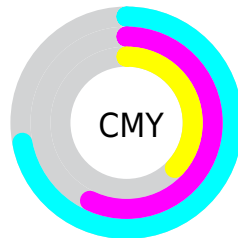
- Red (28%)
- Green (43%)
- Blue (63%)



- Red (28%)
- Yellow (39%)
- Blue (63%)



- Cyan (55%)
- Magenta (31%)
- Yellow (0%)
- Black (37%)



- Cyan (72%)
- Magenta (57%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5936, 15.0676, 35.3969 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 14.5936, 15.0676, 35.3969 by changing the saturation by 10% instead.

■ 14.5936, 15.0676,
35.3969

■ 14.5936, 15.0676,
35.3969

214.3305,
223.7750, 341.2741

■ 8.6191, 8.8668,
23.6828

■ 33.7162, 34.9717,
69.2587

■ 4.5487, 4.6544,
14.8884

■ 47.5950, 49.4439,
92.2435

■ 2.0170, 2.0460,
8.5954

■ 64.8393, 67.4420,
119.8222

■ 0.6435, 0.6340,
4.3850

■ 85.8144, 89.3504,
152.4134

■ 0.0000, 0.0000,
1.8389

■ 110.8858,
115.5535, 190.4357

■ 0.0000, 0.0000,
0.4534

140.4187,

■ 0.0000, 0.0000,

146.4357, 234.3075

0.0000

174.7785,
182.3814, 284.4475

■ 14.5936, 15.0676,
35.3969

■ 14.5936, 15.0676,
35.3969

■ 12.6213, 12.6689,
35.0381

■ 16.9780, 17.8287,
35.8045

■ 11.0319, 10.6122,
34.7249

■ 19.7979, 20.9678,
36.2618

■ 9.7945, 8.8772,
34.4553

■ 23.0765, 24.5012,
36.7710

■ 8.8700, 7.4389,
34.2264

■ 26.8349, 28.4437,
37.3339

■ 8.4788, 6.8052,
34.1247

■ 31.0928, 32.8093,
37.9521

■ 35.8687, 37.6113,
38.6273

■ 41.1803, 42.8624,
39.3609

■ 47.0442, 48.5745,
40.1543

■ 53.4765, 54.7593,
41.0091

Harmonies

Analogous

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



12.1635, 15.0676, 32.8887



14.5936, 15.0676, 35.3969



17.2453, 15.0676, 31.6720

Triad

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



14.5936, 15.0676, 35.3969



18.9611, 15.0676, 9.7336



10.2892, 15.0676, 10.7124

Complementary

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



14.5936, 15.0676, 35.3969



22.6273, 21.8617, 9.1589

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.



11.7480, 15.0676, 7.0563



14.5936, 15.0676, 35.3969



16.7203, 15.0676, 6.6239

Square

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



14.5936, 15.0676, 35.3969



19.9521, 15.0676, 15.6432



14.0524, 15.0676, 5.8182



9.8641, 15.0676, 17.1933

Rectangle

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



14.5936, 15.0676, 35.3969



18.7296, 15.0676, 26.6650



14.0524, 15.0676, 5.8182



10.6654, 15.0676, 9.1874

Sweetspot

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



14.5941, 15.0681, 35.3973



47.7781, 50.6631, 67.6473



18.7485, 27.9217, 22.7712



10.1820, 10.8022, 14.7920



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.



14.5941, 15.0681, 35.3973



22.2005, 22.0996, 63.4821



11.7943, 8.7877, 34.3326



6.5085, 6.8828, 8.3922



6.6470, 5.3856, 26.5964



0.1601, 0.1788, 0.4893

Inverse Universe

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



19.6296, 13.2348, 16.2722



32.6574, 19.7185, 23.4457



27.0928, 32.4930, 10.9756



6.7460, 6.6913, 7.5136



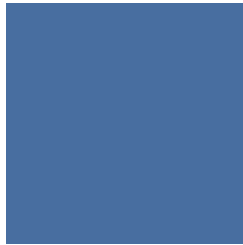
12.1533, 6.1659, 5.0584



0.2381, 0.1186, 0.2000

Previews

White Background



This preview shows how the XYZ color 14.5936, 15.0676, 35.3969 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 14.5936, 15.0676, 35.3969 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 14.5936, 15.0676, 35.3969

Background



This preview shows how black text looks on a background with the XYZ color 14.5936, 15.0676, 35.3969.

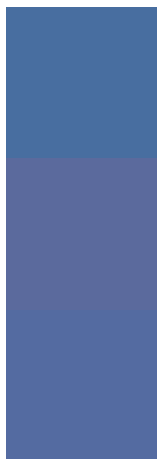


This preview shows how white text looks on a background with the XYZ color 14.5936, 15.0676,

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

14.5936, 15.0676, 35.3969

Protanopia

15.5542, 14.9665, 33.9673

Deuteranopia

15.3469, 14.9734, 35.7995



Tritanopia

11.9308, 15.1587, 22.0358

Trichromacy



Original Color

14.5936, 15.0676, 35.3969

Protanomaly

15.0854, 14.8688, 34.4226

Deuteranomaly

15.1039, 15.0038, 35.8182

Tritanomaly

12.7191, 14.9596, 26.2619

Monochromacy



Original Color

14.5936, 15.0676, 35.3969

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.2058, 14.0386, 21.0825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5936, 15.0676, 35.3969 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(72, 110, 160)` looks like.

```
.text, #text, p{  
    color:rgb(72, 110, 160)  
}
```

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(72, 110, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 110, 160) }
```

Border

The CSS property to change the border of an element to XYZ 14.5936, 15.0676, 35.3969 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(72, 110, 160) }
```


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

```
.border{ border-color:rgb(72, 110, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 110, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 110, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 110, 160);  
box-shadow:4px 4px 4px 4px rgb(72, 110,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5936, 15.0676, 35.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 110, 160) }
```

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

```
.background{ background-color: rgb(72, 110,  
160) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor