

Converting Colors

XYZ(14.5847, 16.7163, 31.4461)

Have a look what the booklet for
XYZ(14.5847, 16.7163, 31.4461)
contains.

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Color

**XYZ(14.5561, 16.6609,
31.3028)**

Conversions

Conversions Part 1

Format	Color
Hex	457796
RGB	69, 119, 150
RGB Percent	27%, 47%, 59%
CMY	0.7294, 0.5333, 0.4118
CMYK	0.54, 0.21, 0.00, 0.41
HSL	203°, 37%, 43%
HSV	203°, 54%, 59%
XYZ	14.5561, 16.6609, 31.3028
YIQ	107.5840, -39.7510, -0.9590

Conversions

Conversions Part 2

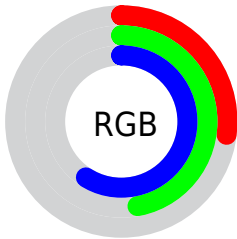
Format	Color
RYB	69, 100, 150
Decimal	4552598
CIELab	47.83, -7.62, -21.95
CIELCh	48, 23.233, 250.854
Yxy	16.6609, 0.2328, 0.2665
Android (android.graphics.Color)	4282742678 (0xFF457796)
YUV	107.5840, 20.9111, -33.8382
Hunter-Lab	40.8178, -7.7759, -16.8966

Details

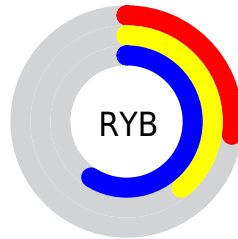
The XYZ color **14.5561, 16.6609, 31.3028** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **18.2095, 16.0286, 7.7649**, and the grayscale version is **14.0895, 14.8233, 16.1425**.

A 20% lighter version of the original color is **33.6304, 37.6964, 62.6304**, and **4.5429, 5.4267, 12.6124** is the 20% darker color. If you saturate the color by 10%, you get **12.9609, 14.8550, 31.0386**, and if you desaturate by 10%, it is **16.4627, 18.6892, 31.5941**.

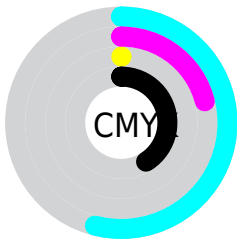
Distribution



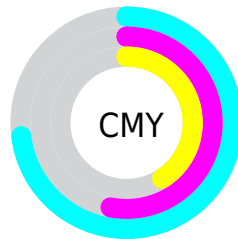
- Red (27%)
- Green (47%)
- Blue (59%)



- Red (27%)
- Yellow (39%)
- Blue (59%)



- Cyan (54%)
- Magenta (21%)
- Yellow (0%)
- Black (41%)



- Cyan (73%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5561, 16.6609, 31.3028 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 14.5561, 16.6609, 31.3028 by changing the saturation by 10% instead.

■ 14.5561, 16.6609,
31.3028

■ 14.5561, 16.6609,
31.3028

214.1055,
233.2106, 322.3252

■ 8.5927, 9.9930,
20.5691

■ 33.6506, 37.7418,
62.8016

■ 4.5315, 5.3943,
12.6213

■ 47.5125, 52.9236,
84.4039

■ 2.0070, 2.4804,
7.0406

■ 64.7379, 71.7122,
110.4661

■ 0.6379, 0.8668,
3.4087

■ 85.6922, 94.4920,
141.4068

■ 0.0000, 0.0000,
1.3069

■ 110.7408,
121.6473, 177.6445

■ 0.0000, 0.0000,
0.0674

140.2489,

■ 0.0000, 0.0000,

153.5626, 219.5978

0.0000

174.5821,
190.6222, 267.6852

■ 14.5561, 16.6609,
31.3028

■ 14.5561, 16.6609,
31.3028

■ 12.9609, 14.8550,
31.0386

■ 16.4627, 18.6892,
31.5941

■ 11.6540, 13.2577,
30.7992

■ 18.6982, 20.9491,
31.9125

■ 10.6116, 11.8558,
30.5835

■ 21.2808, 23.4513,
32.2594

■ 9.8042, 10.6330,
30.3901

■ 24.2267, 26.2051,
32.6356

■ 9.3838, 9.9595,
30.2822

■ 27.5512, 29.2193,
33.0422

■ 31.2684, 32.5023,
33.4800

■ 35.3919, 36.0619,
33.9497

■ 39.9345, 39.9057,
34.4522

■ 44.9085, 44.0408,
34.9882

Harmonies

Analogous

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



12.9911, 16.6609, 26.7419



14.5561, 16.6609, 31.3028



16.6032, 16.6609, 31.9254

Triad

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



14.5561, 16.6609, 31.3028



20.1113, 16.6609, 16.0622



13.3538, 16.6609, 10.7646

Complementary

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



14.5561, 16.6609, 31.3028



18.2095, 16.0286, 7.7649

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.



15.0922, 16.6609, 9.0352



14.5561, 16.6609, 31.3028



19.0679, 16.6609, 11.6155

Square

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



14.5561, 16.6609, 31.3028



19.9358, 16.6609, 22.1758



17.1881, 16.6609, 9.3080



12.3402, 16.6609, 14.6277

Rectangle

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



14.5561, 16.6609, 31.3028



17.9835, 16.6609, 29.8993



17.1881, 16.6609, 9.3080



13.8661, 16.6609, 9.9574

Sweetspot

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



14.5567, 16.6615, 31.3032



41.4910, 45.0790, 57.4356



15.5989, 23.9734, 15.5352



8.9790, 9.7893, 12.7011



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.5567, 16.6615, 31.3032



22.3029, 25.5403, 54.6755



10.8139, 9.1760, 30.0556



5.7796, 6.1931, 7.3605



7.8143, 8.3233, 25.1257



0.1242, 0.1590, 0.3171

Inverse Universe

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



18.0360, 12.0728, 18.8331



29.4101, 17.6192, 28.8778



22.9138, 25.4373, 9.3331



5.9422, 5.8719, 6.8016



12.0714, 6.0336, 9.1228



0.1622, 0.0796, 0.1876

Previews

White Background



This preview shows how the XYZ color 14.5561, 16.6609, 31.3028 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 14.5561, 16.6609, 31.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

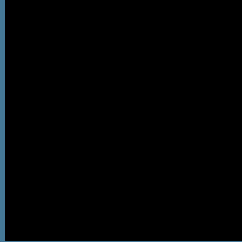
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5561, 16.6609, 31.3028

Background



This preview shows how black text looks on a background with the XYZ color 14.5561, 16.6609, 31.3028.



This preview shows how white text looks on a background with the XYZ color 14.5561, 16.6609,

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

14.5561, 16.6609, 31.3028

Protanopia

16.7307, 16.6359, 29.1173

Deuteranopia

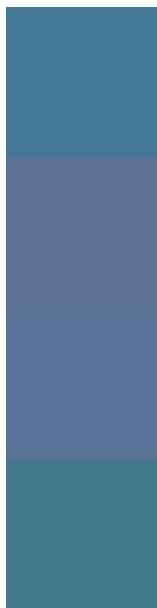
16.8314, 16.4607, 31.9959



Tritanopia

13.1110, 16.6091, 24.3447

Trichromacy



Original Color

14.5561, 16.6609, 31.3028

Protanomaly

15.8108, 16.6434, 29.9829

Deuteranomaly

15.8197, 16.4427, 31.6181

Tritanomaly

13.6775, 16.6626, 26.9214

Monochromacy



Original Color

14.5561, 16.6609, 31.3028

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9854, 15.3981, 20.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5561, 16.6609, 31.3028 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(69, 119, 150)` looks like.

```
.text, #text, p{  
    color:rgb(69, 119, 150)  
}
```

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(69, 119, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 119, 150) }
```

Border

The CSS property to change the border of an element to XYZ 14.5561, 16.6609, 31.3028 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(69, 119, 150) }
```


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

```
.border{ border-color:rgb(69, 119, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 119, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 119, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 119, 150);  
box-shadow:4px 4px 4px 4px rgb(69, 119,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5561, 16.6609, 31.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 119, 150) }
```

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

```
.background{ background-color: rgb(69, 119,  
150) }
```

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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