

Converting Colors

XYZ(14.9878, 14.8326, 29.2407)

Have a look what the booklet for
XYZ(14.9878, 14.8326, 29.2407)
contains.

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Color

**XYZ(14.9584, 14.7631,
29.2553)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6A92
RGB	94, 106, 146
RGB Percent	37%, 42%, 57%
CMY	0.6314, 0.5843, 0.4274
CMYK	0.36, 0.27, 0.00, 0.43
HSL	226°, 22%, 47%
HSV	226°, 36%, 57%
XYZ	14.9584, 14.7631, 29.2553
YIQ	106.9720, -19.9920, 9.8960

Conversions

Conversions Part 2

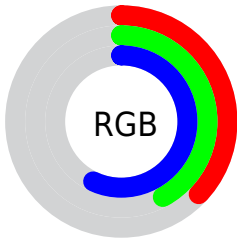
Format	Color
R_{YB}	94, 104, 146
Decimal	6187666
CIE _{Lab}	45.31, 5.69, -23.35
CIE _{LCh}	45, 24.036, 283.700
Yxy	14.7631, 0.2536, 0.2503
Android (android.graphics.Color)	4284377746 (0xFF5E6A92)
YUV	106.9720, 19.2408, -11.3764
Hunter-Lab	38.4228, 2.2521, -18.2478

Details

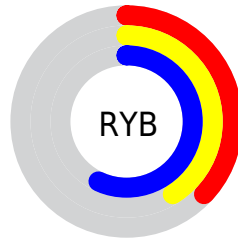
The XYZ color **14.9584, 14.7631, 29.2553** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.3997, 23.9694, 14.0360**, and the grayscale version is **13.9201, 14.6451, 15.9485**.

A 20% lighter version of the original color is **34.3364, 34.3951, 59.4728**, and **4.7117, 4.5120, 11.4490** is the 20% darker color. If you saturate the color by 10%, you get **12.5180, 11.8982, 28.8312**, and if you desaturate by 10%, it is **17.8346, 18.0783, 29.7439**.

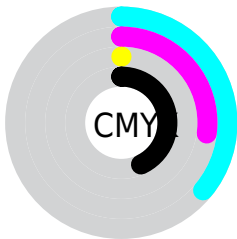
Distribution



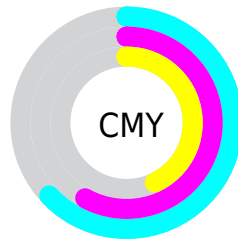
- Red (37%)
- Green (42%)
- Blue (57%)



- Red (37%)
- Yellow (41%)
- Blue (57%)



- Cyan (36%)
- Magenta (27%)
- Yellow (0%)
- Black (43%)



- Cyan (63%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9584, 14.7631, 29.2553 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 14.9584, 14.7631, 29.2553 by changing the saturation by 10% instead.

■ 14.9584, 14.7631,
29.2553

■ 14.9584, 14.7631,
29.2553

216.5077,
221.9278, 312.5162

■ 8.8763, 8.6533,
19.0268

■ 34.3524, 34.4370,
59.5295

■ 4.7171, 4.5157,
11.5126

■ 48.3951, 48.7700,
80.4122

■ 2.1153, 1.9660,
6.2943

■ 65.8220, 66.6127,
105.6835

■ 0.6975, 0.5876,
2.9532

■ 86.9985, 88.3497,
135.7618

■ 0.0000, 0.0000,
1.0708

112.2900,
114.3653, 171.0657

■ 0.0000, 0.0000,
0.0000

142.0618,

145.0440, 212.0137

176.6792,
180.7700, 259.0243

■ 14.9584, 14.7631,
29.2553

■ 14.9584, 14.7631,
29.2553

■ 12.5180, 11.8982,
28.8312

■ 17.8346, 18.0783,
29.7439

■ 10.4900, 9.4621,
28.4679

■ 21.1654, 21.8607,
30.2984

■ 8.8512, 7.4336,
28.1627

■ 24.9703, 26.1286,
30.9216

■ 7.5751, 5.7893,
27.9126

■ 29.2671, 30.8986,
31.6159

■ 6.6318, 4.5031,
27.7141

■ 34.0728, 36.1864,
32.3832

■ 5.9816, 3.5428,
27.5630

■ 39.4036, 42.0073,
33.2258

■ 5.7517, 3.2020,
27.5093

■ 45.2747, 48.3758,
34.1456

■ 51.7011, 55.3058,
35.1445

■ 58.6968, 62.8108,
36.2244

Harmonies

Analogous

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



12.9844, 14.7631, 29.0638



14.9584, 14.7631, 29.2553



16.8469, 14.7631, 25.3771

Triad

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



14.9584, 14.7631, 29.2553



16.9861, 14.7631, 9.6263



10.6684, 14.7631, 13.1890

Complementary

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



14.9584, 14.7631, 29.2553



22.3997, 23.9694, 14.0360

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.



11.5493, 14.7631, 9.3785



14.9584, 14.7631, 29.2553



15.1342, 14.7631, 7.6795

Square

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



14.9584, 14.7631, 29.2553



18.0903, 14.7631, 13.6147



13.1444, 14.7631, 7.6011



10.6309, 14.7631, 18.8140

Rectangle

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



14.9584, 14.7631, 29.2553



17.7520, 14.7631, 21.4391



13.1444, 14.7631, 7.6011



10.8716, 14.7631, 11.6890

Sweetspot

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



14.9589, 14.7637, 29.2556



40.1816, 41.7647, 53.9171



19.1891, 24.6553, 26.2534



8.7650, 9.0957, 11.9659



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.9589, 14.7637, 29.2556



22.7810, 21.8164, 50.9839



15.3595, 13.2609, 28.9445



5.6017, 5.8373, 7.3012



5.0763, 2.8475, 24.2131



0.0814, 0.0735, 0.3028

Inverse Universe

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



18.4587, 15.1574, 15.5891



30.0124, 22.9266, 22.6787



21.8362, 26.2825, 14.5122



5.8524, 5.8360, 6.3288



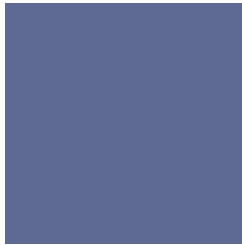
10.6894, 5.4808, 1.8453



0.1406, 0.0710, 0.0739

Previews

White Background



This preview shows how the XYZ color 14.9584, 14.7631, 29.2553 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 14.9584, 14.7631, 29.2553 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

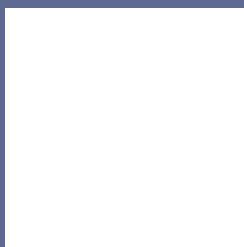
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9584, 14.7631, 29.2553

Background



This preview shows how black text looks on a background with the XYZ color 14.9584, 14.7631, 29.2553.

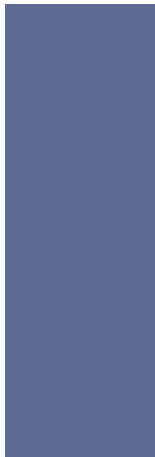


This preview shows how white text looks on a background with the XYZ color 14.9584, 14.7631,

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

14.9584, 14.7631, 29.2553

Protanopia

15.0617, 14.8163, 29.2601

Deuteranopia

15.0617, 14.8163, 29.2601



Tritanopia

13.0991, 14.7997, 19.9355

Trichromacy



Original Color

14.9584, 14.7631, 29.2553

Protanomaly

15.0617, 14.8163, 29.2601

Deuteranomaly

15.0617, 14.8163, 29.2601

Tritanomaly

13.6475, 14.6959, 22.8862

Monochromacy



Original Color

14.9584, 14.7631, 29.2553

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1884, 14.7206, 20.1827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9584, 14.7631, 29.2553 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(94, 106, 146) looks like.

```
.text, #text, p{  
    color:rgb(94, 106, 146)  
}
```

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(94, 106, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 106, 146) }
```

Border

The CSS property to change the border of an element to XYZ 14.9584, 14.7631, 29.2553 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(94, 106, 146) }
```


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

```
.border{ border-color:rgb(94, 106, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 106, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 106, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 106, 146);  
box-shadow:4px 4px 4px 4px rgb(94, 106,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9584, 14.7631, 29.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 106, 146) }
```

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

```
.background{ background-color: rgb(94, 106,  
146) }
```

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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