

Converting Colors

XYZ(14.5596, 14.9612, 25.0421)

Have a look what the booklet for
XYZ(14.5596, 14.9612, 25.0421)
contains.

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Color

**XYZ(14.5596, 14.9612,
25.0421)**

Conversions

Conversions Part 1

Format	Color
Hex	606C87
RGB	96, 108, 135
RGB Percent	38%, 42%, 53%
CMY	0.6235, 0.5765, 0.4706
CMYK	0.29, 0.20, 0.00, 0.47
HSL	222°, 17%, 45%
HSV	222°, 29%, 53%
XYZ	14.5596, 14.9612, 25.0421
YIQ	107.4900, -15.8190, 5.8530

Conversions

Conversions Part 2

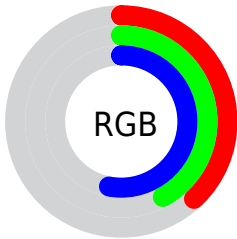
Format	Color
R_{YB}	96, 105, 135
Decimal	6319239
CIE _{Lab}	45.58, 2.10, -16.36
CIE _{LCh}	46, 16.496, 277.297
Yxy	14.9612, 0.2668, 0.2742
Android (android.graphics.Color)	4284509319 (0xFF606C87)
YUV	107.4900, 13.5624, -10.0767
Hunter-Lab	38.6797, -0.4995, -11.3099

Details

The XYZ color **14.5596, 14.9612, 25.0421** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.1861, 20.1614, 13.9471**, and the grayscale version is **14.0782, 14.8114, 16.1296**.

A 20% lighter version of the original color is **33.5079, 34.6302, 52.4952**, and **4.5274, 4.6217, 9.2478** is the 20% darker color. If you saturate the color by 10%, you get **12.3260, 12.4244, 24.6704**, and if you desaturate by 10%, it is **17.1437, 17.8363, 25.4611**.

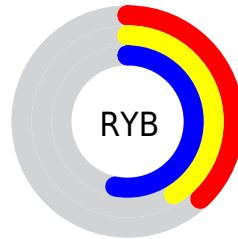
Distribution



Red (38%)

Green (42%)

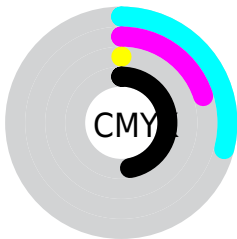
Blue (53%)



Red (38%)

Yellow (41%)

Blue (53%)

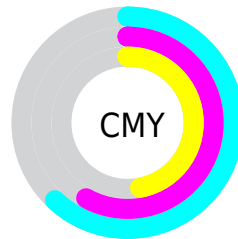


Cyan (29%)

Magenta (20%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5596, 14.9612, 25.0421 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 14.5596, 14.9612, 25.0421 by changing the saturation by 10% instead.

■ 14.5596, 14.9612,
25.0421

■ 14.5596, 14.9612,
25.0421

214.1265,
223.1313, 291.5019

■ 8.5952, 8.7922,
15.8891

■ 33.6568, 34.7851,
52.6905

■ 4.5331, 4.6059,
9.2922

■ 47.5202, 49.2087,
72.0230

■ 2.0079, 2.0179,
4.8329

■ 64.7474, 67.1527,
95.5857

■ 0.6384, 0.6179,
2.0925

■ 85.7036, 89.0014,
123.7972

■ 0.0000, 0.0000,
0.6113

110.7543,
115.1392, 157.0760

■ 0.0000, 0.0000,
0.0000

140.2648,

145.9505, 195.8407

174.6004,
181.8197, 240.5099

■ 14.5596, 14.9612,
25.0421

■ 14.5596, 14.9612,
25.0421

■ 12.3260, 12.4244,
24.6704

■ 17.1437, 17.8363,
25.4611

■ 10.4259, 10.2111,
24.3434

■ 20.0918, 21.0602,
25.9280

■ 8.8425, 8.3079,
24.0595

■ 23.4181, 24.6452,
26.4447

■ 7.5572, 6.6997,
23.8168

■ 27.1357, 28.6024,
27.0125

■ 6.5493, 5.3700,
23.6133

■ 31.2572, 32.9424,
27.6330

■ 5.7950, 4.3003,
23.4465

■ 35.7945, 37.6753,
28.3074

■ 5.2407, 3.4564,
23.3129

■ 40.7590, 42.8110,
29.0370

■ 5.1850, 3.3729,
23.2997

■ 46.1616, 48.3588,
29.8231

■ 52.0130, 54.3280,
30.6669

Harmonies

Analogous

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



13.2213, 14.9612, 24.3469



14.5596, 14.9612, 25.0421



15.8880, 14.9612, 23.1078

Triad

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



14.5596, 14.9612, 25.0421



16.4353, 14.9612, 12.1088



11.9119, 14.9612, 13.5319

Complementary

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



14.5596, 14.9612, 25.0421



19.1861, 20.1614, 13.9471

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.



12.6734, 14.9612, 10.9657



14.5596, 14.9612, 25.0421



15.2682, 14.9612, 10.2415

Square

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



14.5596, 14.9612, 25.0421



17.0154, 14.9612, 15.3446



13.8861, 14.9612, 9.8597



11.7492, 14.9612, 17.2738

Rectangle

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



14.5596, 14.9612, 25.0421



16.5699, 14.9612, 20.7466



13.8861, 14.9612, 9.8597



12.1038, 14.9612, 12.5226

Sweetspot

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



14.5601, 14.9618, 25.0424



35.8045, 37.5237, 46.4041



17.0415, 21.2364, 21.8254



8.1258, 8.5096, 10.7206



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.5601, 14.9618, 25.0424



23.2499, 23.5968, 44.3776



14.1672, 13.0079, 24.6860



4.5427, 4.7611, 5.8803



4.7920, 3.1319, 21.4886



0.0225, 0.0226, 0.0764

Inverse Universe

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



16.8817, 14.5998, 16.1163



28.2077, 23.0442, 25.2668



19.6551, 22.7503, 14.4221



4.7272, 4.7106, 5.1759



9.5969, 4.9031, 2.4497



0.0362, 0.0182, 0.0241

Previews

White Background



This preview shows how the XYZ color 14.5596, 14.9612, 25.0421 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 14.5596, 14.9612, 25.0421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

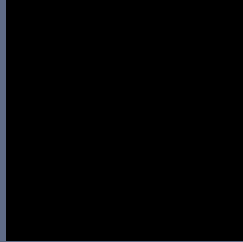
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

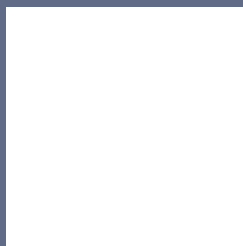
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5596, 14.9612, 25.0421

Background



This preview shows how black text looks on a background with the XYZ color 14.5596, 14.9612, 25.0421.



This preview shows how white text looks on a background with the XYZ color 14.5596, 14.9612,

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

14.5596, 14.9612, 25.0421

Protanopia

14.9276, 15.0033, 24.6634

Deuteranopia

15.2361, 15.0004, 25.0140



Tritanopia

13.5888, 15.0521, 19.9584

Trichromacy



Original Color

14.5596, 14.9612, 25.0421

Protanomaly

14.7064, 14.8893, 24.6531

Deuteranomaly

14.9977, 15.0314, 25.0325

Tritanomaly

13.8937, 15.0122, 21.5674

Monochromacy



Original Color

14.5596, 14.9612, 25.0421

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0621, 14.6833, 18.9226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5596, 14.9612, 25.0421 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(96, 108, 135) looks like.

```
.text, #text, p{  
    color:rgb(96, 108, 135)  
}
```

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(96, 108, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 108, 135) }
```

Border

The CSS property to change the border of an element to XYZ 14.5596, 14.9612, 25.0421 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(96, 108, 135) }
```


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

```
.border{ border-color:rgb(96, 108, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 108, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 108, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 108, 135);  
box-shadow:4px 4px 4px 4px rgb(96, 108,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5596, 14.9612, 25.0421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 108, 135) }
```

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

```
.background{ background-color: rgb(96, 108,  
135) }
```

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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