

Converting Colors

XYZ(14.4601, 15.2507, 24.0113)

Have a look what the booklet for
XYZ(14.4601, 15.2507, 24.0113)
contains.

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Color

**XYZ(14.4601, 15.2507,
24.0113)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6E84
RGB	95, 110, 132
RGB Percent	37%, 43%, 52%
CMY	0.6274, 0.5686, 0.4824
CMYK	0.28, 0.17, 0.00, 0.48
HSL	216°, 16%, 45%
HSV	216°, 28%, 52%
XYZ	14.4601, 15.2507, 24.0113
YIQ	108.0230, -16.0020, 3.6620

Conversions

Conversions Part 2

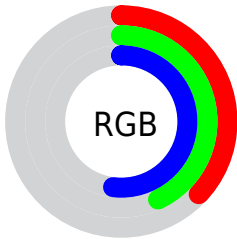
Format	Color
R_{YB}	95, 106, 132
Decimal	6254212
CIE _{Lab}	45.98, -0.22, -13.98
CIE _{LCh}	46, 13.979, 269.112
Yxy	15.2507, 0.2692, 0.2839
Android (android.graphics.Color)	4284444292 (0xFF5F6E84)
YUV	108.0230, 11.8207, -11.4212
Hunter-Lab	39.0521, -2.2469, -9.1181

Details

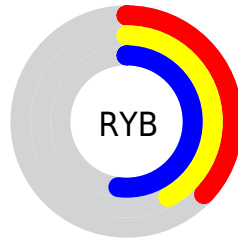
The XYZ color **14.4601, 15.2507, 24.0113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9428, 18.4544, 13.4433**, and the grayscale version is **14.2318, 14.9730, 16.3056**.

A 20% lighter version of the original color is **33.3559, 35.1035, 50.9166**, and **4.5111, 4.7839, 8.8692** is the 20% darker color. If you saturate the color by 10%, you get **12.3939, 12.9840, 23.6829**, and if you desaturate by 10%, it is **16.8347, 17.7885, 24.3762**.

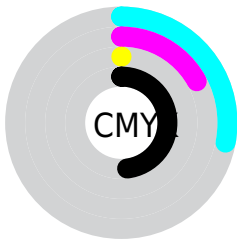
Distribution



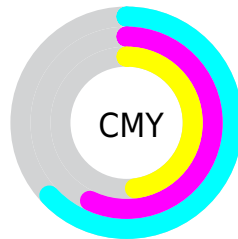
- Red (37%)
- Green (43%)
- Blue (52%)



- Red (37%)
- Yellow (42%)
- Blue (52%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)



- Cyan (63%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4601, 15.2507, 24.0113 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 14.4601, 15.2507, 24.0113 by changing the saturation by 10% instead.

■ 14.4601, 15.2507,
24.0113

■ 14.4601, 15.2507,
24.0113

213.5285,
224.8787, 286.1660

■ 8.5252, 8.9955,
15.1297

■ 33.4827, 35.2924,
50.9927

■ 4.4874, 4.7383,
8.7628

■ 47.3011, 49.8477,
69.9296

■ 1.9814, 2.0945,
4.4921

■ 64.4781, 67.9385,
93.0554

■ 0.6235, 0.6615,
1.8990

■ 85.3789, 89.9492,
120.7885

■ 0.0000, 0.0000,
0.4921

110.3690,
116.2641, 153.5476

■ 0.0000, 0.0000,
0.0000

139.8138,

147.2678, 191.7512

174.0784,
183.3445, 235.8178

■ 14.4601, 15.2507,
24.0113

■ 14.4601, 15.2507,
24.0113

■ 12.3939, 12.9840,
23.6829

■ 16.8347, 17.7885,
24.3762

■ 10.6209, 10.9765,
23.3889

■ 19.5289, 20.6048,
24.7779

■ 9.1270, 9.2184,
23.1283

■ 22.5553, 23.7092,
25.2176

■ 7.8959, 7.6982,
22.8997

■ 25.9252, 27.1100,
25.6964

■ 6.9097, 6.4033,
22.7018

■ 29.6493, 30.8154,
26.2153

■ 6.1479, 5.3197,
22.5328

■ 33.7381, 34.8330,
26.7753

■ 5.5667, 4.4212,
22.3900

■ 38.2014, 39.1704,
27.3772

■ 5.4617, 4.2596,
22.3643

■ 43.0486, 43.8347,
28.0220

■ 48.2890, 48.8328,
28.7106

Harmonies

Analogous

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



13.3582, 15.2507, 22.8496



14.4601, 15.2507, 24.0113



15.6309, 15.2507, 22.9748

Triad

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



14.4601, 15.2507, 24.0113



16.5757, 15.2507, 13.6322



12.6289, 15.2507, 13.4795

Complementary

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



14.4601, 15.2507, 24.0113



17.9428, 18.4544, 13.4433

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.



13.4162, 15.2507, 11.5376



14.4601, 15.2507, 24.0113



15.6952, 15.2507, 11.6170

Square

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



14.4601, 15.2507, 24.0113



16.8918, 15.2507, 16.7066



14.5306, 15.2507, 10.9043



12.3370, 15.2507, 16.5046

Rectangle

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



14.4601, 15.2507, 24.0113



16.2846, 15.2507, 21.2471



14.5306, 15.2507, 10.9043



12.8422, 15.2507, 12.6943

Sweetspot

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



14.4606, 15.2513, 24.0116



34.3247, 36.2173, 43.6347



16.1573, 20.2103, 19.7512



7.8355, 8.2704, 10.1361



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.4606, 15.2513, 24.0116



22.9639, 24.1258, 41.8996



13.3035, 12.4521, 23.5323



4.5780, 4.8316, 5.8921



5.2933, 4.1344, 21.6557



0.0252, 0.0280, 0.0773

Inverse Universe

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



16.4228, 14.2162, 16.6309



27.1066, 22.1845, 26.2624



19.3577, 21.9896, 14.0511



4.7450, 4.7177, 5.2696



9.8499, 5.0043, 3.7820



0.0376, 0.0187, 0.0313

Previews

White Background



This preview shows how the XYZ color 14.4601, 15.2507, 24.0113 looks on a white background.

Color Contrast Check

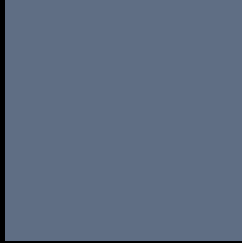
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4601, 15.2507, 24.0113 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

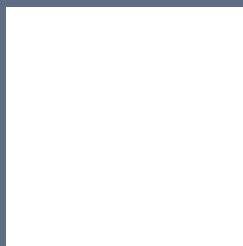
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4601, 15.2507, 24.0113

Background



This preview shows how black text looks on a background with the XYZ color 14.4601, 15.2507, 24.0113.



This preview shows how white text looks on a background with the XYZ color 14.4601, 15.2507,

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

14.4601, 15.2507, 24.0113

Protanopia

15.1007, 15.2799, 23.2725

Deuteranopia

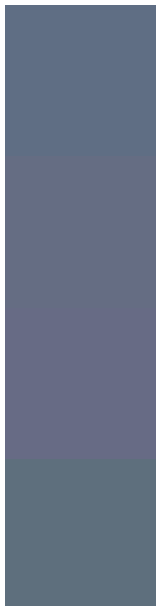
15.4511, 15.1273, 24.2958



Tritanopia

13.7596, 15.2960, 20.3164

Trichromacy



Original Color

14.4601, 15.2507, 24.0113

Protanomaly

14.9322, 15.3427, 23.6471

Deuteranomaly

15.0849, 15.0924, 24.3084

Tritanomaly

14.0022, 15.2292, 21.6036

Monochromacy



Original Color

14.4601, 15.2507, 24.0113

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2730, 15.1052, 18.9929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4601, 15.2507, 24.0113 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(95, 110, 132) looks like.

```
.text, #text, p{  
    color:rgb(95, 110, 132)  
}
```

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(95, 110, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 110, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.4601, 15.2507, 24.0113 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(95, 110, 132) }
```


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

```
.border{ border-color:rgb(95, 110, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 110, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 110, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 110, 132);  
box-shadow:4px 4px 4px 4px rgb(95, 110,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4601, 15.2507, 24.0113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 110, 132) }
```

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

```
.background{ background-color: rgb(95, 110,  
132) }
```

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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