

Converting Colors

XYZ(15.3052, 17.2668, 24.6314)

Have a look what the booklet for
XYZ(15.3052, 17.2668, 24.6314)
contains.

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Color

**XYZ(15.2441, 17.1624,
24.6995)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 5C7785 |
| RGB | 92, 119, 133 |
| RGB Percent | 36%, 47%, 52% |
| CMY | 0.6392, 0.5333, 0.4784 |
| CMYK | 0.31, 0.11, 0.00, 0.48 |
| HSL | 200°, 18%, 44% |
| HSV | 200°, 31%, 52% |
| XYZ | 15.2441, 17.1624, 24.6995 |
| YIQ | 112.5230, -20.5860, -1.3700 |

Conversions

Conversions Part 2

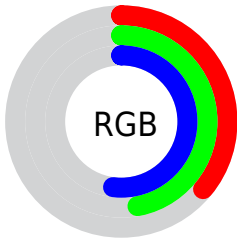
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 92, 108, 133 |
| Decimal | 6059909 |
| CIE _{Lab} | 48.46, -6.20, -10.83 |
| CIE _{LCh} | 48, 12.481, 240.200 |
| Yxy | 17.1624, 0.2669, 0.3005 |
| Android (android.graphics.Color) | 4284249989 (0xFF5C7785) |
| YUV | 112.5230, 10.0952, -17.9987 |
| Hunter-Lab | 41.4275, -6.8155, -6.3500 |

Details

The XYZ color **15.2441, 17.1624, 24.6995** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7589, 16.0675, 12.3437**, and the grayscale version is **15.5309, 16.3397, 17.7939**.

A 20% lighter version of the original color is **34.7535, 38.5106, 52.0560**, and **4.8533, 5.6665, 9.0216** is the 20% darker color. If you saturate the color by 10%, you get **13.5029, 15.4819, 24.4672**, and if you desaturate by 10%, it is **17.2455, 19.0162, 24.9521**.

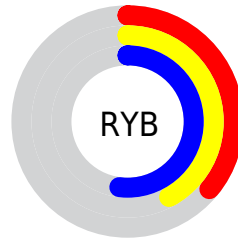
Distribution



Red (36%)

Green (47%)

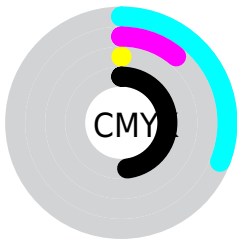
Blue (52%)



Red (36%)

Yellow (42%)

Blue (52%)

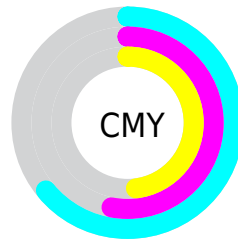


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (53%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2441, 17.1624, 24.6995 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 15.2441, 17.1624, 24.6995 by changing the saturation by 10% instead.

■ 15.2441, 17.1624,
24.6995

■ 15.2441, 17.1624,
24.6995

218.1982,
236.1065, 289.7377

■ 9.0783, 10.3503,
15.6363

■ 34.8490, 38.6048,
52.1274

■ 4.8498, 5.6319,
9.1156

■ 49.0188, 54.0039,
71.3291

■ 2.1933, 2.6225,
4.7188

■ 66.5873, 73.0342,
94.7475

■ 0.7392, 0.9380,
2.0274

■ 87.9199, 96.0800,
122.8011

■ 0.0000, 0.0000,
0.5721

113.3820,
123.5257, 155.9084

■ 0.0000, 0.0000,
0.0000

143.3388,

155.7558, 194.4878

178.1557,
193.1546, 238.9581

■ 15.2441, 17.1624,
24.6995

■ 15.2441, 17.1624,
24.6995

■ 13.5029, 15.4819,
24.4672

■ 17.2455, 19.0162,
24.9521

■ 12.0077, 13.9657,
24.2533

■ 19.5172, 21.0477,
25.2245

■ 10.7454, 12.6067,
24.0576

■ 22.0705, 23.2639,
25.5177

■ 9.7008, 11.3968,
23.8791

■ 24.9158, 25.6704,
25.8322

■ 8.8571, 10.3265,
23.7170

■ 28.0629, 28.2729,
26.1687

■ 8.1941, 9.3851,
23.5702

■ 31.5210, 31.0765,
26.5276

■ 7.6898, 8.6057,
23.4463

■ 35.2989, 34.0863,
26.9094

■ 39.4053, 37.3072,
27.3147

■ 43.8482, 40.7438,
27.7439

Harmonies

Analogous

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



14.4853, 17.1624, 22.0359



15.2441, 17.1624, 24.6995



16.3200, 17.1624, 25.7157

Triad

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



15.2441, 17.1624, 24.6995



18.6107, 17.1624, 18.6650



15.2314, 17.1624, 13.7569

Complementary

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



15.2441, 17.1624, 24.6995



16.7589, 16.0675, 12.3437

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.



16.3047, 17.1624, 13.0720



15.2441, 17.1624, 24.6995



18.2869, 17.1624, 15.6958

Square

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



15.2441, 17.1624, 24.6995



18.2952, 17.1624, 21.9935



17.4294, 17.1624, 13.7391



14.4782, 17.1624, 15.7296

Rectangle

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



15.2441, 17.1624, 24.6995



17.0832, 17.1624, 25.2397



17.4294, 17.1624, 13.7391



15.5650, 17.1624, 13.3795

Sweetspot

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



15.2446, 17.1631, 24.6999



35.6575, 38.3125, 45.2541



15.3858, 20.0844, 16.6112



7.9091, 8.5224, 10.1808



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.



15.2446, 17.1631, 24.6999



25.0644, 28.5918, 43.9361



13.0938, 12.8614, 23.9829



4.6713, 5.0182, 5.9232



7.3322, 8.2122, 22.3354



0.0322, 0.0420, 0.0796

Inverse Universe

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



16.8302, 13.9732, 19.2635



28.4428, 22.1693, 32.2690



19.0871, 20.7240, 13.1198



4.7921, 4.7365, 5.5176



10.8791, 5.4160, 9.2015



0.0411, 0.0201, 0.0499

Previews

White Background



This preview shows how the XYZ color 15.2441, 17.1624, 24.6995 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 15.2441, 17.1624, 24.6995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

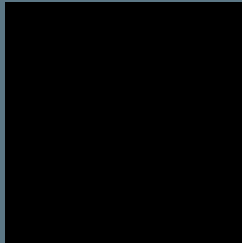
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

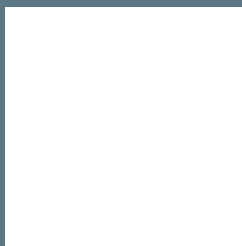
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2441, 17.1624, 24.6995

Background



This preview shows how black text looks on a background with the XYZ color 15.2441, 17.1624, 24.6995.



This preview shows how white text looks on a background with the XYZ color 15.2441, 17.1624,

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

15.2441, 17.1624, 24.6995

Protanopia

16.7287, 17.0911, 23.5363

Deuteranopia

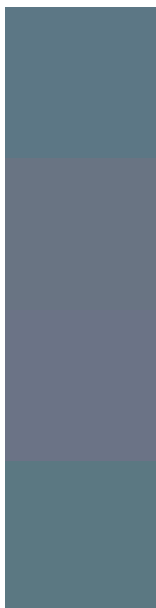
17.2997, 17.0226, 24.9281



Tritanopia

14.9933, 17.2421, 23.3067

Trichromacy



Original Color

15.2441, 17.1624, 24.6995

Protanomaly

16.1678, 17.1327, 23.9275

Deuteranomaly

16.4972, 17.1085, 24.9870

Tritanomaly

15.0601, 17.2688, 23.6586

Monochromacy



Original Color

15.2441, 17.1624, 24.6995

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3466, 16.6208, 20.1686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2441, 17.1624, 24.6995 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(92, 119, 133)` looks like.

```
.text, #text, p{  
    color:rgb(92, 119, 133)  
}
```

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(92, 119, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 119, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.2441, 17.1624, 24.6995 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(92, 119, 133) }
```


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

```
.border{ border-color:rgb(92, 119, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 119, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 119, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 119, 133);  
box-shadow:4px 4px 4px 4px rgb(92, 119,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2441, 17.1624, 24.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 119, 133) }
```

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

```
.background{ background-color: rgb(92, 119,  
133) }
```

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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