

Converting Colors

XYZ(15.8596, 17.2689, 24.7452)

Have a look what the booklet for
XYZ(15.8596, 17.2689, 24.7452)
contains.

XYZ(15.8577, 17.3030, 24.6943)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.8577, 17.3030,
24.6943)**

Conversions

Conversions Part 1

Format	Color
Hex	637685
RGB	99, 118, 133
RGB Percent	39%, 46%, 52%
CMY	0.6118, 0.5372, 0.4784
CMYK	0.26, 0.11, 0.00, 0.48
HSL	206°, 15%, 45%
HSV	206°, 26%, 52%
XYZ	15.8577, 17.3030, 24.6943
YIQ	114.0290, -16.1390, 0.6370

Conversions

Conversions Part 2

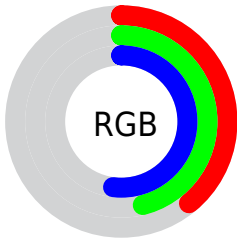
Format	Color
R _Y B	99, 111, 133
Decimal	6518405
CIE Lab	48.64, -3.36, -10.52
CIE LCh	49, 11.044, 252.274
Yxy	17.3030, 0.2741, 0.2991
Android (android.graphics.Color)	4284708485 (0xFF637685)
YUV	114.0290, 9.3527, -13.1804
Hunter-Lab	41.5969, -4.7462, -6.0801

Details

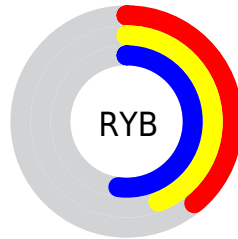
The XYZ color **15.8577, 17.3030, 24.6943** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9425, 17.9222, 14.3185**, and the grayscale version is **15.9797, 16.8119, 18.3081**.

A 20% lighter version of the original color is **35.8153, 38.7787, 52.0517**, and **5.1167, 5.7087, 9.0158** is the 20% darker color. If you saturate the color by 10%, you get **13.8532, 15.2760, 24.4090**, and if you desaturate by 10%, it is **18.1456, 19.5407, 25.0059**.

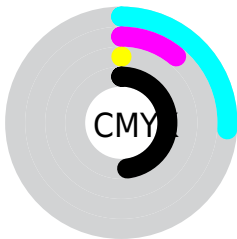
Distribution



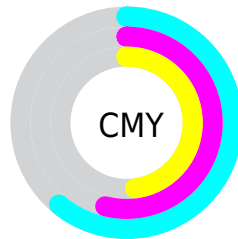
- Red (39%)
- Green (46%)
- Blue (52%)



- Red (39%)
- Yellow (44%)
- Blue (52%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (61%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8577, 17.3030, 24.6943 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 15.8577, 17.3030, 24.6943 by changing the saturation by 10% instead.

■ 15.8577, 17.3030,
24.6943

■ 15.8577, 17.3030,
24.6943

221.7875,
236.9125, 289.7109

■ 9.5137, 10.4508,
15.6325

■ 35.9104, 38.8460,
52.1188

■ 5.1375, 5.6988,
9.1130

■ 50.3499, 54.3056,
71.3186

■ 2.3638, 2.6628,
4.7171

■ 68.2186, 73.4030,
94.7348

■ 0.8270, 0.9584,
2.0264

■ 89.8818, 96.5227,
122.7859

■ 0.0000, 0.0000,
0.5715

115.7050,
124.0492, 155.8906

■ 0.0000, 0.0000,
0.0000

146.0534,

156.3667, 194.4673

181.2925,
193.8596, 238.9345

■ 15.8577, 17.3030,
24.6943

■ 15.8577, 17.3030,
24.6943

■ 13.8532, 15.2760,
24.4090

■ 18.1456, 19.5407,
25.0059

■ 12.1179, 13.4501,
24.1480

■ 20.7270, 21.9943,
25.3435

■ 10.6391, 11.8178,
23.9109

■ 23.6133, 24.6710,
25.7080

■ 9.4018, 10.3704,
23.6967

■ 26.8150, 27.5775,
26.1002

■ 8.3897, 9.0980,
23.5045

■ 30.3419, 30.7197,
26.5209

■ 7.5841, 7.9898,
23.3330

■ 34.2034, 34.1035,
26.9705

■ 6.9567, 7.0298,
23.1808

■ 38.4086, 37.7347,
27.4497

■ 6.7045, 6.6350,
23.1179

■ 42.9661, 41.6186,
27.9592

■ 47.8843, 45.7605,
28.4995

Harmonies

Analogous

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



15.0410, 17.3030, 22.8642



15.8577, 17.3030, 24.6943



16.8652, 17.3030, 24.8598

Triad

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



15.8577, 17.3030, 24.6943



18.4319, 17.3030, 17.6743



15.1652, 17.3030, 14.9922

Complementary

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



15.8577, 17.3030, 24.6943



17.9425, 17.9222, 14.3185

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.



16.0337, 17.3030, 13.8801



15.8577, 17.3030, 24.6943



17.9359, 17.3030, 15.3181

Square

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



15.8577, 17.3030, 24.6943



18.3800, 17.3030, 20.5973



17.0486, 17.3030, 13.9929



14.6526, 17.3030, 17.1857

Rectangle

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



15.8577, 17.3030, 24.6943



17.5125, 17.3030, 23.9834



17.0486, 17.3030, 13.9929



15.4237, 17.3030, 14.4902

Sweetspot

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



15.8582, 17.3037, 24.6947



35.8548, 38.1980, 45.2216



16.5556, 20.6369, 18.9513



7.9361, 8.4716, 10.1696



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.



15.8582, 17.3037, 24.6947



26.1348, 28.7134, 43.9032



14.0593, 13.7058, 24.0951



4.6342, 4.9440, 5.9108



6.3942, 6.3362, 22.0227



0.0294, 0.0365, 0.0787

Inverse Universe

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



17.4052, 15.2187, 19.1605



29.4760, 24.4698, 31.8918



20.0058, 22.0488, 15.0063



4.7734, 4.7290, 5.4190



10.4056, 5.2266, 6.7082



0.0397, 0.0196, 0.0426

Previews

White Background



This preview shows how the XYZ color 15.8577, 17.3030, 24.6943 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 15.8577, 17.3030, 24.6943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

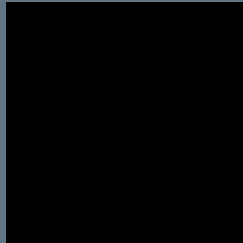
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

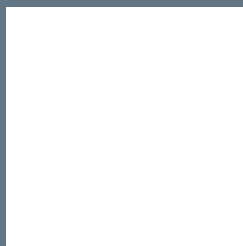
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8577, 17.3030, 24.6943

Background



This preview shows how black text looks on a background with the XYZ color 15.8577, 17.3030, 24.6943.



This preview shows how white text looks on a background with the XYZ color 15.8577, 17.3030,

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

15.8577, 17.3030, 24.6943

Protanopia

16.9241, 17.1840, 23.8976

Deuteranopia

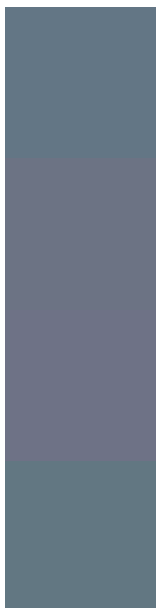
17.4334, 17.0915, 24.9344



Tritanopia

15.5301, 17.3488, 22.9522

Trichromacy



Original Color

15.8577, 17.3030, 24.6943

Protanomaly

16.4799, 17.1156, 24.2648

Deuteranomaly

16.7508, 17.0709, 24.9664

Tritanomaly

15.6631, 17.4020, 23.6525

Monochromacy



Original Color

15.8577, 17.3030, 24.6943

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8886, 16.8932, 20.5124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8577, 17.3030, 24.6943 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(99, 118, 133) looks like.

```
.text, #text, p{  
    color:rgb(99, 118, 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(99, 118, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 118, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.8577, 17.3030, 24.6943 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(99, 118, 133) }
```


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

```
.border{ border-color:rgb(99, 118, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 118, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 118, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 118, 133);  
box-shadow:4px 4px 4px 4px rgb(99, 118,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8577, 17.3030, 24.6943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 118, 133) }
```

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

```
.background{ background-color: rgb(99, 118,  
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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