

Converting Colors

XYZ(15.5447, 17.1652, 23.6130)

Have a look what the booklet for
XYZ(15.5447, 17.1652, 23.6130)
contains.

XYZ(15.5447, 17.1652, 23.6130)	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(15.5447, 17.1652,
23.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	627682
RGB	98, 118, 130
RGB Percent	38%, 46%, 51%
CMY	0.6157, 0.5372, 0.4902
CMYK	0.25, 0.09, 0.00, 0.49
HSL	202°, 14%, 45%
HSV	202°, 25%, 51%
XYZ	15.5447, 17.1652, 23.6130
YIQ	113.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

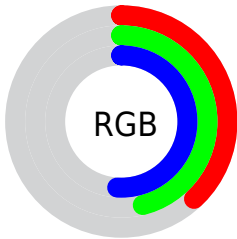
Format	Color
R_{YB}	98, 110, 130
Decimal	6452866
CIE _{Lab}	48.47, -4.44, -9.01
CIE _{LCh}	48, 10.046, 243.744
Yxy	17.1652, 0.2760, 0.3048
Android (android.graphics.Color)	4284642946 (0xFF627682)
YUV	113.3880, 8.1897, -13.4953
Hunter-Lab	41.4309, -5.5316, -4.7899

Details

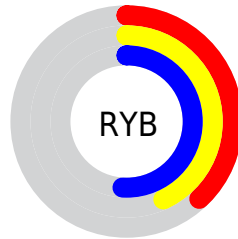
The XYZ color **15.5447, 17.1652, 23.6130** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9867, 16.7797, 13.8992**, and the grayscale version is **15.7915, 16.6139, 18.0925**.

A 20% lighter version of the original color is **35.3164, 38.5579, 50.3808**, and **4.9908, 5.6525, 8.6126** is the 20% darker color. If you saturate the color by 10%, you get **13.6952, 15.3819, 23.3665**, and if you desaturate by 10%, it is **17.6528, 19.1267, 23.8808**.

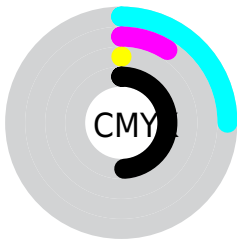
Distribution



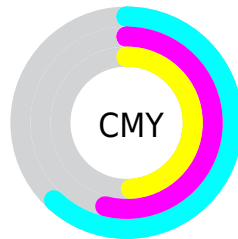
- Red (38%)
- Green (46%)
- Blue (51%)



- Red (38%)
- Yellow (43%)
- Blue (51%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (62%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5447, 17.1652, 23.6130 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 15.5447, 17.1652, 23.6130 by changing the saturation by 10% instead.

■ 15.5447, 17.1652,
23.6130

■ 15.5447, 17.1652,
23.6130

219.9635,
236.1226, 284.0813

■ 9.2913, 10.3523,
14.8373

■ 35.3698, 38.6096,
50.3338

■ 4.9903, 5.6332,
8.5599

■ 49.6723, 54.0099,
69.1160

■ 2.2763, 2.6233,
4.3624

■ 67.3885, 73.0415,
92.0707

■ 0.7825, 0.9384,
1.8262

■ 88.8839, 96.0888,
119.6165

■ 0.0000, 0.0000,
0.4451

114.5237,
123.5362, 152.1719

■ 0.0000, 0.0000,
0.0000

144.6733,

155.7680, 190.1555

179.6981,
193.1687, 233.9858

■ 15.5447, 17.1652,
23.6130

■ 15.5447, 17.1652,
23.6130

■ 13.6952, 15.3819,
23.3665

■ 17.6528, 19.1267,
23.8808

■ 12.0912, 13.7681,
23.1396

■ 20.0286, 21.2705,
24.1694

■ 10.7210, 12.3175,
22.9318

■ 22.6826, 23.6031,
24.4797

■ 9.5711, 11.0226,
22.7425

■ 25.6244, 26.1300,
24.8124

■ 8.6264, 9.8747,
22.5707

■ 28.8630, 28.8563,
25.1680

■ 7.8698, 8.8645,
22.4156

■ 32.4070, 31.7873,
25.5469

■ 7.2780, 7.9789,
22.2759

■ 36.2646, 34.9277,
25.9497

■ 6.9907, 7.5345,
22.2052

■ 40.4439, 38.2822,
26.3769

■ 44.9525, 41.8553,
26.8290

Harmonies

Analogous

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



14.8875, 17.1652, 21.6486



15.5447, 17.1652, 23.6130



16.4308, 17.1652, 24.2164

Triad

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



15.5447, 17.1652, 23.6130



18.1451, 17.1652, 18.3610



15.3517, 17.1652, 14.7850

Complementary

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



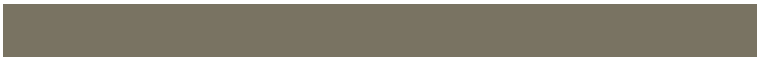
15.5447, 17.1652, 23.6130



16.9867, 16.7797, 13.8992

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.



16.1997, 17.1652, 14.0756



15.5447, 17.1652, 23.6130



17.8310, 17.1652, 16.0140

Square

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



15.5447, 17.1652, 23.6130



17.9539, 17.1652, 21.0226



17.1104, 17.1652, 14.5037



14.7790, 17.1652, 16.5367

Rectangle

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



15.5447, 17.1652, 23.6130



17.0379, 17.1652, 23.7229



17.1104, 17.1652, 14.5037



15.6129, 17.1652, 14.4246

Sweetspot

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



15.5452, 17.1659, 23.6134



34.1613, 36.4670, 42.4308



15.8200, 19.6823, 17.6415



7.6897, 8.2160, 9.5989



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.5452, 17.1659, 23.6134



25.3471, 28.2881, 41.3167



13.8443, 13.7641, 23.0464



4.3151, 4.6243, 5.4784



6.7096, 7.2377, 21.2933



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.8440, 14.7897, 19.1072



28.1227, 23.4517, 31.6324



18.8376, 20.4816, 14.5162



4.4319, 4.3859, 5.0788



10.2637, 5.1252, 7.9781



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.5447, 17.1652, 23.6130 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 15.5447, 17.1652, 23.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

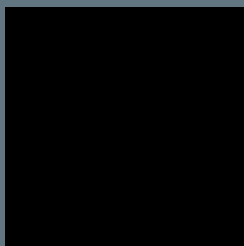
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

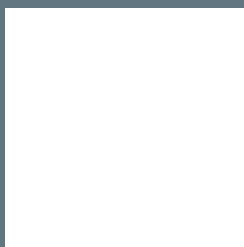
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5447, 17.1652, 23.6130

Background



This preview shows how black text looks on a background with the XYZ color 15.5447, 17.1652, 23.6130.



This preview shows how white text looks on a background with the XYZ color 15.5447, 17.1652,

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

15.5447, 17.1652, 23.6130

Protanopia

16.6581, 17.0776, 22.4970

Deuteranopia

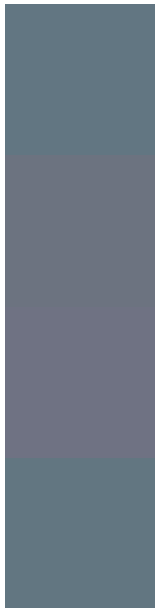
17.3621, 17.0786, 23.8541



Tritanopia

15.4117, 17.1120, 22.9127

Trichromacy



Original Color

15.5447, 17.1652, 23.6130

Protanomaly

16.2114, 17.0081, 22.8505

Deuteranomaly

16.6696, 17.0528, 23.8857

Tritanomaly

15.4779, 17.1385, 23.2612

Monochromacy



Original Color

15.5447, 17.1652, 23.6130

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6448, 16.7815, 19.8673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5447, 17.1652, 23.6130 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(98, 118, 130) looks like.

```
.text, #text, p{  
    color:rgb(98, 118, 130)  
}
```

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(98, 118, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 118, 130) }
```

Border

The CSS property to change the border of an element to XYZ 15.5447, 17.1652, 23.6130 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(98, 118, 130) }
```


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

```
.border{ border-color:rgb(98, 118, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 118, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 118, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 118, 130);  
box-shadow:4px 4px 4px 4px rgb(98, 118,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5447, 17.1652, 23.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 118, 130) }
```

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

```
.background{ background-color: rgb(98, 118,  
130) }
```

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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