

Converting Colors

XYZ(15.7497, 15.7641, 23.6854)

Have a look what the booklet for
XYZ(15.7497, 15.7641, 23.6854)
contains.

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Color

**XYZ(15.7497, 15.7641,
23.6854)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6D83
RGB	108, 109, 131
RGB Percent	42%, 43%, 51%
CMY	0.5765, 0.5725, 0.4863
CMYK	0.18, 0.17, 0.00, 0.49
HSL	237°, 10%, 47%
HSV	237°, 18%, 51%
XYZ	15.7497, 15.7641, 23.6854
YIQ	111.2090, -7.6580, 6.6300

Conversions

Conversions Part 2

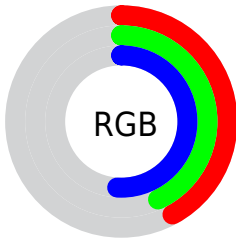
Format	Color
R_{YB}	108, 109, 131
Decimal	7105923
CIE _{Lab}	46.66, 4.53, -12.24
CIE _{LCh}	47, 13.053, 290.301
Yxy	15.7641, 0.2853, 0.2856
Android (android.graphics.Color)	4285296003 (0xFF6C6D83)
YUV	111.2090, 9.7570, -2.8143
Hunter-Lab	39.7040, 1.3249, -7.5766

Details


The XYZ color **15.7497, 15.7641, 23.6854** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.0496, 21.8732, 17.3529**, and the grayscale version is **15.1446, 15.9333, 17.3514**.

A 20% lighter version of the original color is **35.7197, 36.0759, 50.4281**, and **5.1091, 5.0151, 8.6814** is the 20% darker color. If you saturate the color by 10%, you get **13.0320, 12.5186, 23.2024**, and if you desaturate by 10%, it is **18.8984, 19.5155, 24.2438**.

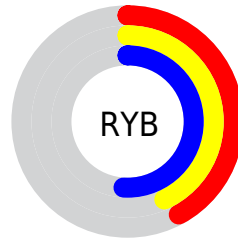
Distribution



 Red (42%)

 Green (43%)

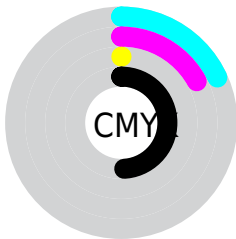
 Blue (51%)




 Red (42%)

 Yellow (43%)

 Blue (51%)

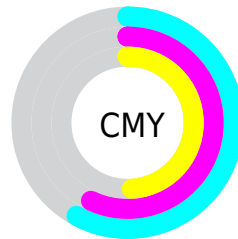


 Cyan (18%)

 Magenta (17%)

 Yellow (0%)

 Black (49%)



 Cyan (58%)

 Magenta (57%)

 Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7497, 15.7641, 23.6854 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 15.7497, 15.7641, 23.6854 by changing the saturation by 10% instead.

■ 15.7497, 15.7641,
23.6854

■ 15.7497, 15.7641,
23.6854

221.1597,
227.9457, 284.4612

■ 9.4369, 9.3574,
14.8904

■ 35.7241, 36.1882,
50.4537

■ 5.0866, 4.9750,
8.5967

■ 50.1164, 50.9743,
69.2641

■ 2.3335, 2.2326,
4.3859

■ 67.9327, 69.3224,
92.2500

■ 0.8117, 0.7377,
1.8393

■ 89.5381, 91.6168,
119.8299

■ 0.0000, 0.0000,
0.4537

115.2982,
118.2420, 152.4225

■ 0.0000, 0.0000,
0.0000

145.5783,

149.5822, 190.4462

180.7437,
186.0220, 234.3196

■ 15.7497, 15.7641,
23.6854

■ 15.7497, 15.7641,
23.6854

■ 13.0320, 12.5186,
23.2024

■ 18.8984, 19.5155,
24.2438

■ 10.7251, 9.7554,
22.7907

■ 22.4941, 23.7910,
24.8795

■ 8.8095, 7.4522,
22.4471

■ 26.5539, 28.6104,
25.5958

■ 7.2634, 5.5840,
22.1680

■ 31.0935, 33.9919,
26.3953

■ 6.0631, 4.1233,
21.9493

■ 36.1278, 39.9528,
27.2805

■ 5.1819, 3.0398,
21.7866

■ 41.6712, 46.5097,
28.2539

■ 4.5892, 2.2987,
21.6748

■ 47.7373, 53.6785,
29.3179

■ 4.2320, 1.8496,
21.6069

■ 54.3395, 61.4745,
30.4747

■ 4.1587, 1.7625,
21.5940

■ 61.4905, 69.9125,
31.7265

Harmonies

Analogous

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



14.6203, 15.7641, 24.0561



15.7497, 15.7641, 23.6854



16.7176, 15.7641, 21.4529

Triad

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



15.7497, 15.7641, 23.6854



16.4141, 15.7641, 12.8089



12.9424, 15.7641, 16.1375

Complementary

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



15.7497, 15.7641, 23.6854



20.0496, 21.8732, 17.3529

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.



13.3733, 15.7641, 13.4893



15.7497, 15.7641, 23.6854



15.3523, 15.7641, 11.7334

Square

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



15.7497, 15.7641, 23.6854



17.1144, 15.7641, 15.0951



14.2422, 15.7641, 11.9658



13.0369, 15.7641, 19.4147

Rectangle

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



15.7497, 15.7641, 23.6854



17.1229, 15.7641, 19.3480



14.2422, 15.7641, 11.9658



13.0298, 15.7641, 15.1516

Sweetspot

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



15.7502, 15.7647, 23.6858



35.3396, 36.7288, 43.6799



18.3201, 21.0287, 24.1600



8.1408, 8.4477, 10.1542



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.



15.7502, 15.7647, 23.6858



26.2029, 25.8420, 42.0601



16.9785, 16.2403, 23.7128



4.4495, 4.5747, 5.8492



4.0941, 1.7359, 21.2560



0.0152, 0.0080, 0.0740

Inverse Universe

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



17.4833, 16.6549, 16.7620



29.9039, 27.7539, 27.2727



18.6596, 21.3553, 17.3262



4.6802, 4.6918, 4.9282



9.2446, 4.7622, 0.5945



0.0325, 0.0167, 0.0047

Previews

White Background



This preview shows how the XYZ color 15.7497, 15.7641, 23.6854 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 15.7497, 15.7641, 23.6854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

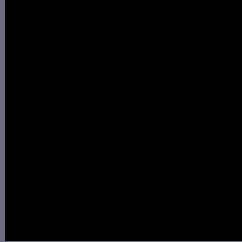
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7497, 15.7641, 23.6854

Background



This preview shows how black text looks on a background with the XYZ color 15.7497, 15.7641, 23.6854.



This preview shows how white text looks on a background with the XYZ color 15.7497, 15.7641,

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

15.7497, 15.7641, 23.6854

Protanopia

15.6165, 15.8547, 23.7099

Deuteranopia

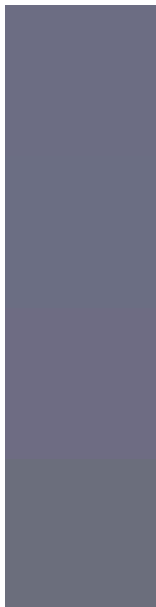
16.0148, 15.7433, 23.6674



Tritanopia

15.0185, 15.7891, 20.0253

Trichromacy



Original Color

15.7497, 15.7641, 23.6854

Protanomaly

15.7361, 15.9164, 23.7155

Deuteranomaly

15.8897, 15.6788, 23.6616

Tritanomaly

15.2774, 15.7329, 21.3003

Monochromacy



Original Color

15.7497, 15.7641, 23.6854

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2764, 15.7749, 19.3792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7497, 15.7641, 23.6854 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(108, 109, 131)` looks like.

```
.text, #text, p{  
    color:rgb(108, 109, 131)  
}
```

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(108, 109, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 109, 131) }
```

Border

The CSS property to change the border of an element to XYZ 15.7497, 15.7641, 23.6854 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(108, 109, 131) }
```


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

```
.border{ border-color:rgb(108, 109, 131) }
```

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

Here you see how a box with a 4 pixel rgb(108, 109, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 109, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 109, 131);  
box-shadow:4px 4px 4px 4px rgb(108, 109,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7497, 15.7641, 23.6854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 109, 131) }
```

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

```
.background{ background-color: rgb(108,  
109, 131) }
```

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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