

Converting Colors

XYZ(17.6307, 15.6563, 24.1351)

Have a look what the booklet for
XYZ(17.6307, 15.6563, 24.1351)
contains.

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Color

**XYZ(17.5892, 15.6318,
24.2805)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6685
RGB	126, 102, 133
RGB Percent	49%, 40%, 52%
CMY	0.5059, 0.6000, 0.4784
CMYK	0.05, 0.23, 0.00, 0.48
HSL	286°, 13%, 46%
HSV	286°, 23%, 52%
XYZ	17.5892, 15.6318, 24.2805
YIQ	112.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

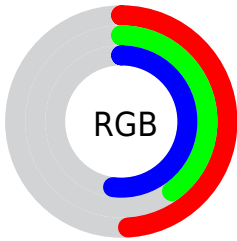
Format	Color
R_{YB}	126, 102, 133
Decimal	8283781
CIE _{Lab}	46.49, 15.59, -13.54
CIE _{LCh}	46, 20.650, 319.011
Yxy	15.6318, 0.3059, 0.2719
Android (android.graphics.Color)	4286473861 (0xFF7E6685)
YUV	112.7100, 10.0030, 11.6553
Hunter-Lab	39.5371, 10.2210, -8.7352

Details

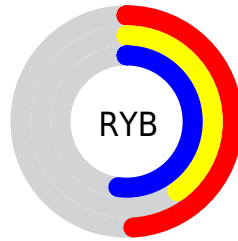
The XYZ color **17.5892, 15.6318, 24.2805** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.0930, 20.9860, 15.7209**, and the grayscale version is **15.5810, 16.3924, 17.8514**.

A 20% lighter version of the original color is **38.8446, 35.9113, 51.3386**, and **5.9881, 4.9347, 8.8205** is the 20% darker color. If you saturate the color by 10%, you get **15.9495, 12.9997, 23.8591**, and if you desaturate by 10%, it is **19.4529, 18.6916, 24.7731**.

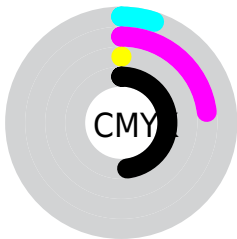
Distribution



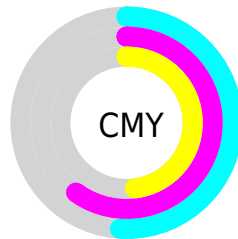
- Red (49%)
- Green (40%)
- Blue (52%)



- Red (49%)
- Yellow (40%)
- Blue (52%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5892, 15.6318, 24.2805 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 17.5892, 15.6318, 24.2805 by changing the saturation by 10% instead.

■ 17.5892, 15.6318,
24.2805

■ 17.5892, 15.6318,
24.2805

231.6359,
227.1591, 287.5676

■ 10.7534, 9.2640,
15.3277

■ 38.8717, 35.9578,
51.4371

■ 5.9673, 4.9138,
8.9005

■ 54.0490, 50.6848,
70.4780

■ 2.8657, 2.1968,
4.5804

■ 72.7376, 68.9669,
93.7187

■ 1.0831, 0.7182,
1.9489

■ 95.3027, 91.1886,
121.5777

■ 0.0109, 0.0000,
0.5236

122.1097,
117.7343, 154.4735

■ 0.0000, 0.0000,
0.0000

153.5240,

148.9884, 192.8248

189.9110,
185.3352, 237.0500

■ 17.5892, 15.6318,
24.2805

■ 17.5892, 15.6318,
24.2805

■ 15.9495, 12.9997,
23.8591

■ 19.4529, 18.6916,
24.7731

■ 14.5222, 10.7731,
23.5046

■ 21.5486, 22.1957,
25.3390

■ 13.2969, 8.9312,
23.2136

■ 23.8857, 26.1624,
25.9815

■ 12.2617, 7.4502,
22.9823

■ 26.4724, 30.6083,
26.7033

■ 11.4033, 6.3038,
22.8063

■ 29.3168, 35.5491,
27.5071

■ 10.7066, 5.4621,
22.6805

■ 32.4266, 41.0000,
28.3953

■ 10.1535, 4.8887,
22.5990

■ 35.8088, 46.9752,
29.3703

■ 9.8236, 4.5752,
22.5559

■ 39.4707, 53.4888,
30.4346

■ 43.4188, 60.5539,
31.5902

Harmonies

Analogous

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



15.9988, 15.6318, 28.0514



17.5892, 15.6318, 24.2805



18.4710, 15.6318, 18.9549

Triad

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



17.5892, 15.6318, 24.2805



15.5185, 15.6318, 9.1073



11.8552, 15.6318, 20.4116

Complementary

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



17.5892, 15.6318, 24.2805



17.0930, 20.9860, 15.7209

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.



11.7491, 15.6318, 15.2222



17.5892, 15.6318, 24.2805



13.7719, 15.6318, 9.3429

Square

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



17.5892, 15.6318, 24.2805



17.2136, 15.6318, 10.6502



12.4245, 15.6318, 11.3743



12.7270, 15.6318, 25.5282

Rectangle

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



17.5892, 15.6318, 24.2805



18.4947, 15.6318, 15.5331



12.4245, 15.6318, 11.3743



11.7316, 15.6318, 18.5997

Sweetspot

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



17.5897, 15.6325, 24.2808



37.0927, 37.2337, 44.9702



15.2073, 15.5060, 24.3820



8.3179, 8.3236, 10.1209



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.



17.5897, 15.6325, 24.2808



29.8851, 25.3886, 43.0638



18.1094, 15.9638, 21.4401



4.7578, 4.7112, 5.8593



9.3641, 4.3615, 21.4850



0.0387, 0.0183, 0.0747

Inverse Universe

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



17.1851, 15.5941, 16.5729



29.0671, 25.3309, 26.5797



16.6966, 20.7318, 17.9504



4.7125, 4.7047, 5.0982



9.4399, 4.8403, 1.6230



0.0351, 0.0177, 0.0181

Previews

White Background



This preview shows how the XYZ color 17.5892, 15.6318, 24.2805 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 17.5892, 15.6318, 24.2805 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 17.5892, 15.6318, 24.2805

Background



This preview shows how black text looks on a background with the XYZ color 17.5892, 15.6318, 24.2805.



This preview shows how white text looks on a background with the XYZ color 17.5892, 15.6318,

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

17.5892, 15.6318, 24.2805

Protanopia

15.6496, 15.6558, 26.2418

Deuteranopia

15.9578, 15.7061, 24.0203



Tritanopia

16.3597, 15.7339, 18.0943

Trichromacy



Original Color

17.5892, 15.6318, 24.2805

Protanomaly

16.1535, 15.4651, 25.4262

Deuteranomaly

16.5214, 15.6870, 23.9869

Tritanomaly

16.8149, 15.7687, 20.2466

Monochromacy



Original Color

17.5892, 15.6318, 24.2805

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.3300, 16.1449, 20.0249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5892, 15.6318, 24.2805 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(126, 102, 133)` looks like.

```
.text, #text, p{  
    color:rgb(126, 102, 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(126, 102, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 102, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.5892, 15.6318, 24.2805 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(126, 102, 133) }
```


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

```
.border{ border-color:rgb(126, 102, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 102, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 102, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 102, 133); box-shadow:4px 4px 4px 4px rgb(126, 102, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5892, 15.6318, 24.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 102, 133) }
```

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

```
.background{ background-color: rgb(126,  
102, 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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