

Converting Colors

XYZ(17.5214, 17.1531, 24.2174)

Have a look what the booklet for
XYZ(17.5214, 17.1531, 24.2174)
contains.

XYZ(17.5668, 17.1762, 24.2193)	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(17.5668, 17.1762,
24.2193)**

Conversions

Conversions Part 1

Format	Color
Hex	777084
RGB	119, 112, 132
RGB Percent	47%, 44%, 52%
CMY	0.5333, 0.5608, 0.4823
CMYK	0.10, 0.15, 0.00, 0.48
HSL	261°, 8%, 48%
HSV	261°, 15%, 52%
XYZ	17.5668, 17.1762, 24.2193
YIQ	116.3730, -2.2480, 7.7040

Conversions

Conversions Part 2

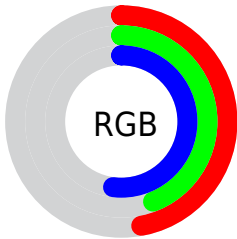
Format	Color
R_{YB}	119, 112, 132
Decimal	7827588
CIE _{Lab}	48.48, 6.87, -10.01
CIE _{LCh}	48, 12.139, 304.487
Yxy	17.1762, 0.2979, 0.2913
Android (android.graphics.Color)	4286017668 (0xFF777084)
YUV	116.3730, 7.7041, 2.3039
Hunter-Lab	41.4442, 3.1329, -5.6372

Details

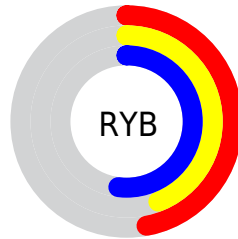
The XYZ color **17.5668, 17.1762, 24.2193** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.6339, 22.0328, 18.5479**, and the grayscale version is **16.6929, 17.5623, 19.1253**.

A 20% lighter version of the original color is **38.8270, 38.7116, 51.3246**, and **5.9933, 5.6309, 8.9546** is the 20% darker color. If you saturate the color by 10%, you get **15.0910, 13.8943, 23.7166**, and if you desaturate by 10%, it is **20.3635, 20.9414, 24.7989**.

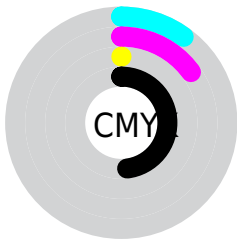
Distribution



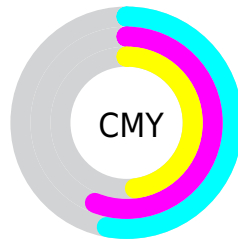
- Red (47%)
- Green (44%)
- Blue (52%)



- Red (47%)
- Yellow (44%)
- Blue (52%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5668, 17.1762, 24.2193 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 17.5668, 17.1762, 24.2193 by changing the saturation by 10% instead.

■ 17.5668, 17.1762,
24.2193

■ 17.5668, 17.1762,
24.2193

231.5110,
236.1857, 287.2495

■ 10.7372, 10.3602,
15.2827

■ 38.8337, 38.6285,
51.3361

■ 5.9564, 5.6384,
8.8692

■ 54.0017, 54.0335,
70.3534

■ 2.8590, 2.6265,
4.5603

■ 72.6798, 73.0704,
93.5680

■ 1.0796, 0.9400,
1.9375

■ 95.2336, 96.1235,
121.3985

■ 0.0080, 0.0000,
0.5164

122.0282,
123.5772, 154.2633

■ 0.0000, 0.0000,
0.0000

153.4290,

155.8158, 192.5811

189.8015,
193.2239, 236.7703

■ 17.5668, 17.1762,
24.2193

■ 17.5668, 17.1762,
24.2193

■ 15.0910, 13.8943,
23.7166

■ 20.3635, 20.9414,
24.7989

■ 12.9225, 11.0737,
23.2864

■ 23.4910, 25.2066,
25.4573

■ 11.0490, 8.6936,
22.9258

■ 26.9606, 29.9901,
26.1978

■ 9.4566, 6.7311,
22.6309

■ 30.7825, 35.3090,
27.0230

■ 8.1304, 5.1607,
22.3977

■ 34.9666, 41.1793,
27.9356

7.0538, 3.9544,
22.2216

39.5224, 47.6163,
28.9379

6.2081, 3.0803,
22.0974

44.4590, 54.6350,
30.0325

5.5675, 2.4922,
22.0177

49.7852, 62.2496,
31.2215

5.3005, 2.2514,
21.9853

55.5094, 70.4738,
32.5072

Harmonies

Analogous

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



16.4934, 17.1762, 25.4980



17.5668, 17.1762, 24.2193



18.3330, 17.1762, 21.4665

Triad

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



17.5668, 17.1762, 24.2193



17.2642, 17.1762, 13.7003



14.2845, 17.1762, 19.1853

Complementary

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



17.5668, 17.1762, 24.2193



19.6339, 22.0328, 18.5479

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.



14.4701, 17.1762, 16.1856



17.5668, 17.1762, 24.2193



16.1587, 17.1762, 13.2355

Square

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



17.5668, 17.1762, 24.2193



18.1528, 17.1762, 15.4434



15.1440, 17.1762, 14.0935



14.6251, 17.1762, 22.3894

Rectangle

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



17.5668, 17.1762, 24.2193



18.5485, 17.1762, 19.2967



15.1440, 17.1762, 14.0935



14.2876, 17.1762, 18.1196

Sweetspot

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



17.5673, 17.1769, 24.2197



35.8899, 36.9149, 43.6868



18.2234, 19.8630, 24.7036



8.2831, 8.4959, 10.1560



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.



17.5673, 17.1769, 24.2197



29.4651, 28.2850, 42.3597



18.9623, 17.8960, 24.2850



4.5769, 4.6180, 5.8509



5.1376, 2.1827, 21.2872



0.0251, 0.0113, 0.0741

Inverse Universe

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



19.0121, 17.9752, 21.8702



32.5070, 29.9667, 37.3686



18.2906, 21.3403, 18.4851



4.7905, 4.7359, 5.5091



10.8349, 5.3983, 8.9690



0.0410, 0.0201, 0.0493

Previews

White Background



This preview shows how the XYZ color 17.5668, 17.1762, 24.2193 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 17.5668, 17.1762, 24.2193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

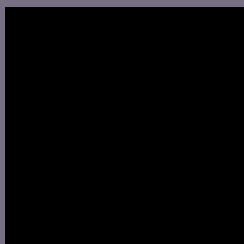
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5668, 17.1762, 24.2193

Background



This preview shows how black text looks on a background with the XYZ color 17.5668, 17.1762, 24.2193.



This preview shows how white text looks on a background with the XYZ color 17.5668, 17.1762,

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

17.5668, 17.1762, 24.2193

Protanopia

16.9330, 17.1728, 24.6125

Deuteranopia

17.4302, 17.1058, 24.2129



Tritanopia

16.9286, 17.2466, 21.1756

Trichromacy



Original Color

17.5668, 17.1762, 24.2193

Protanomaly

17.2090, 17.1485, 24.5933

Deuteranomaly

17.4302, 17.1058, 24.2129

Tritanomaly

17.1422, 17.1682, 22.1490

Monochromacy



Original Color

17.5668, 17.1762, 24.2193

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9797, 17.4485, 20.8853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5668, 17.1762, 24.2193 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(119, 112, 132)` looks like.

```
.text, #text, p{  
    color:rgb(119, 112, 132)  
}
```

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(119, 112, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 112, 132) }
```

Border

The CSS property to change the border of an element to XYZ 17.5668, 17.1762, 24.2193 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(119, 112, 132) }
```


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

```
.border{ border-color:rgb(119, 112, 132) }
```

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

Here you see how a box with a 4 pixel rgb(119, 112, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 112, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 112, 132);  
box-shadow:4px 4px 4px 4px rgb(119, 112,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5668, 17.1762, 24.2193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 112, 132) }
```

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

```
.background{ background-color: rgb(119,  
112, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor