

Converting Colors

XYZ(15.8774, 17.3493, 24.3095)

Have a look what the booklet for
XYZ(15.8774, 17.3493, 24.3095)
contains.

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Color

**XYZ(15.8988, 17.3321,
24.3373)**

Conversions

Conversions Part 1

Format	Color
Hex	647684
RGB	100, 118, 132
RGB Percent	39%, 46%, 52%
CMY	0.6078, 0.5372, 0.4823
CMYK	0.24, 0.11, 0.00, 0.48
HSL	206°, 14%, 45%
HSV	206°, 24%, 52%
XYZ	15.8988, 17.3321, 24.3373
YIQ	114.2140, -15.2220, 0.5380

Conversions

Conversions Part 2

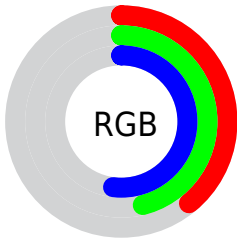
Format	Color
R_{YB}	100, 112, 132
Decimal	6583940
CIE Lab	48.68, -3.28, -9.87
CIE LCh	49, 10.398, 251.606
Yxy	17.3321, 0.2762, 0.3011
Android (android.graphics.Color)	4284774020 (0xFF647684)
YUV	114.2140, 8.7685, -12.4657
Hunter-Lab	41.6318, -4.6883, -5.5177

Details

The XYZ color **15.8988, 17.3321, 24.3373** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8335, 17.8604, 14.5644**, and the grayscale version is **16.0366, 16.8717, 18.3733**.

A 20% lighter version of the original color is **35.8942, 38.8315, 51.5024**, and **5.1677, 5.7349, 9.0182** is the 20% darker color. If you saturate the color by 10%, you get **13.8962, 15.3213, 24.0550**, and if you desaturate by 10%, it is **18.1807, 19.5495, 24.6453**.

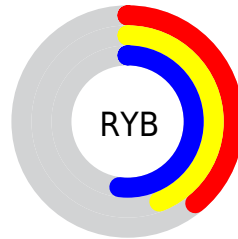
Distribution



Red (39%)

Green (46%)

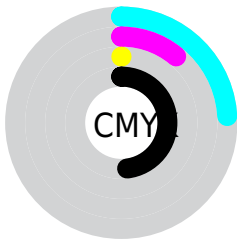
Blue (52%)



Red (39%)

Yellow (44%)

Blue (52%)

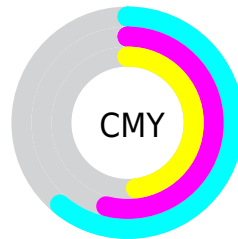


Cyan (24%)

Magenta (11%)

Yellow (0%)

Black (48%)



Cyan (61%)

Magenta (54%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8988, 17.3321, 24.3373 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 15.8988, 17.3321, 24.3373 by changing the saturation by 10% instead.

■ 15.8988, 17.3321,
24.3373

■ 15.8988, 17.3321,
24.3373

222.0260,
237.0790, 287.8626

■ 9.5430, 10.4716,
15.3695

■ 35.9813, 38.8959,
51.5308

■ 5.1569, 5.7127,
8.9296

■ 50.4387, 54.3679,
70.5936

■ 2.3753, 2.6712,
4.5991

■ 68.3273, 73.4793,
93.8584

■ 0.8328, 0.9626,
1.9594

■ 90.0124, 96.6143,
121.7439

■ 0.0000, 0.0000,
0.5302

115.8595,
124.1573, 154.6685

■ 0.0000, 0.0000,
0.0000

146.2339,

156.4929, 193.0508

181.5009,
194.0053, 237.3093

■ 15.8988, 17.3321,
24.3373

■ 15.8988, 17.3321,
24.3373

■ 13.8962, 15.3213,
24.0550

■ 18.1807, 19.5495,
24.6453

■ 12.1592, 13.5078,
23.7965

■ 20.7516, 21.9784,
24.9786

■ 10.6753, 11.8843,
23.5614

■ 23.6227, 24.6259,
25.3383

■ 9.4301, 10.4423,
23.3487

■ 26.8041, 27.4984,
25.7251

■ 8.4078, 9.1724,
23.1574

■ 30.3055, 30.6018,
26.1396

■ 7.5905, 8.0642,
22.9866

■ 34.1360, 33.9417,
26.5824

■ 6.9547, 7.1044,
22.8348

■ 38.3044, 37.5237,
27.0540

■ 6.6308, 6.5977,
22.7541

■ 42.8193, 41.3530,
27.5552

■ 47.6886, 45.4348,
28.0864

Harmonies

Analogous

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



15.1334, 17.3321, 22.5985



15.8988, 17.3321, 24.3373



16.8472, 17.3321, 24.5295

Triad

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



15.8988, 17.3321, 24.3373



18.3460, 17.3321, 17.8295



15.2798, 17.3321, 15.1932

Complementary

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



15.8988, 17.3321, 24.3373



17.8335, 17.8604, 14.5644

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.



16.1056, 17.3321, 14.1586



15.8988, 17.3321, 24.3373



17.8907, 17.3321, 15.5790

Square

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



15.8988, 17.3321, 24.3373



18.2854, 17.3321, 20.5870



17.0622, 17.3321, 14.2926



14.7857, 17.3321, 17.2544

Rectangle

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



15.8988, 17.3321, 24.3373



17.4587, 17.3321, 23.7342



17.0622, 17.3321, 14.2926



15.5264, 17.3321, 14.7233

Sweetspot

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



15.8993, 17.3328, 24.3377



35.1797, 37.4281, 43.8233



16.5368, 20.4241, 18.9509



8.1409, 8.6673, 10.1966



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.



15.8993, 17.3328, 24.3377



26.0394, 28.5719, 42.5957



14.1852, 13.9046, 23.7663



4.6356, 4.9467, 5.9112



6.4256, 6.3989, 22.0331



0.0295, 0.0367, 0.0788

Inverse Universe

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



17.3433, 15.3283, 19.1848



29.0751, 24.5653, 31.7163



19.7812, 21.7558, 15.2137



4.7741, 4.7293, 5.4226



10.4214, 5.2329, 6.7916



0.0398, 0.0196, 0.0429

Previews

White Background



This preview shows how the XYZ color 15.8988, 17.3321, 24.3373 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 15.8988, 17.3321, 24.3373 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

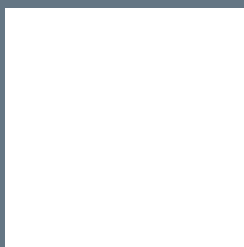
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8988, 17.3321, 24.3373

Background



This preview shows how black text looks on a background with the XYZ color 15.8988, 17.3321, 24.3373.



This preview shows how white text looks on a background with the XYZ color 15.8988, 17.3321,

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

15.8988, 17.3321, 24.3373

Protanopia

16.9701, 17.3839, 23.5801

Deuteranopia

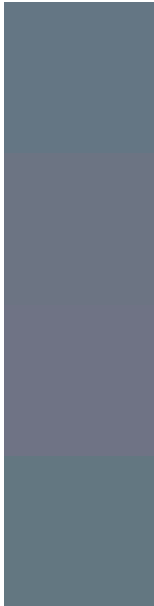
17.6100, 17.3553, 24.6121



Tritanopia

15.6387, 17.4048, 22.9573

Trichromacy



Original Color

15.8988, 17.3321, 24.3373

Protanomaly

16.5265, 17.3176, 23.9443

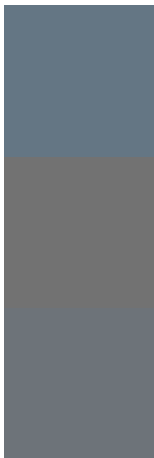
Deuteranomaly

16.9199, 17.3344, 24.6444

Tritanomaly

15.7049, 17.4313, 23.3057

Monochromacy



Original Color

15.8988, 17.3321, 24.3373

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 15.8988, 17.3321, 24.3373 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(100, 118, 132)` looks like.

```
.text, #text, p{  
    color:rgb(100, 118, 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(100, 118, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 118, 132) }
```

Border

The CSS property to change the border of an element to XYZ 15.8988, 17.3321, 24.3373 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(100, 118, 132) }
```


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

```
.border{ border-color:rgb(100, 118, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 118, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 118, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 118, 132);  
box-shadow:4px 4px 4px 4px rgb(100, 118,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8988, 17.3321, 24.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 118, 132) }
```

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

```
.background{ background-color: rgb(100,  
118, 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](#).

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