

Converting Colors

XYZ(17.6650, 18.0847, 24.5516)

Have a look what the booklet for
XYZ(17.6650, 18.0847, 24.5516)
contains.

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Color

**XYZ(17.5964, 18.0334,
24.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	737584
RGB	115, 117, 132
RGB Percent	45%, 46%, 52%
CMY	0.5490, 0.5412, 0.4823
CMYK	0.13, 0.11, 0.00, 0.48
HSL	233°, 7%, 48%
HSV	233°, 13%, 52%
XYZ	17.5964, 18.0334, 24.3832
YIQ	118.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

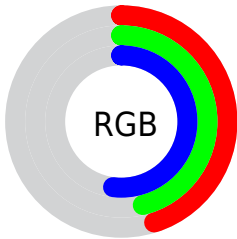
Format	Color
R_{YB}	115, 117, 132
Decimal	7566724
CIE _{Lab}	49.54, 2.48, -8.46
CIE _{LCh}	50, 8.816, 286.367
Yxy	18.0334, 0.2932, 0.3005
Android (android.graphics.Color)	4285756804 (0xFF737584)
YUV	118.1120, 6.8468, -2.7292
Hunter-Lab	42.4658, -0.3506, -4.3174

Details

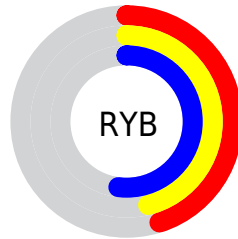
The XYZ color **17.5964, 18.0334, 24.3832** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5930, 22.1085, 19.4020**, and the grayscale version is **17.2360, 18.1336, 19.7475**.

A 20% lighter version of the original color is **38.8813, 40.0942, 51.5886**, and **6.0042, 6.0741, 9.0396** is the 20% darker color. If you saturate the color by 10%, you get **14.7099, 14.6552, 23.8836**, and if you desaturate by 10%, it is **20.9014, 21.8789, 24.9516**.

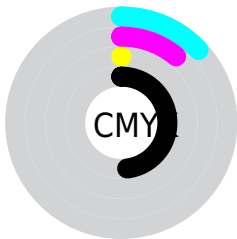
Distribution



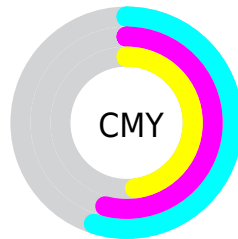
- Red (45%)
- Green (46%)
- Blue (52%)



- Red (45%)
- Yellow (46%)
- Blue (52%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (55%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5964, 18.0334, 24.3832 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 17.5964, 18.0334, 24.3832 by changing the saturation by 10% instead.

■ 17.5964, 18.0334,
24.3832

■ 17.5964, 18.0334,
24.3832

231.6761,
241.0592, 288.1008

■ 10.7585, 10.9740,
15.4033

■ 38.8839, 40.0942,
51.6065

■ 5.9708, 6.0493,
8.9532

■ 54.0642, 55.8644,
70.6869

■ 2.8678, 2.8751,
4.6142

■ 72.7561, 75.3070,
93.9712

■ 1.0843, 1.0669,
1.9680

■ 95.3249, 98.8063,
121.8781

■ 0.0119, 0.0000,
0.5355

122.1359,
126.7468, 154.8259

■ 0.0000, 0.0000,
0.0000

153.5545,

159.5129, 193.2333

189.9461,
197.4889, 237.5187

■ 17.5964, 18.0334,
24.3832

■ 17.5964, 18.0334,
24.3832

■ 14.7099, 14.6552,
23.8836

■ 20.9014, 21.8789,
24.9516

■ 12.2236, 11.7243,
23.4489

■ 24.6390, 26.2063,
25.5898

■ 10.1203, 9.2225,
23.0769

■ 28.8246, 31.0322,
26.3007

■ 8.3807, 7.1297,
22.7646

■ 33.4726, 36.3720,
27.0864

■ 6.9840, 5.4237,
22.5089

■ 38.5965, 42.2401,
27.9490

■ 5.9072, 4.0808,
22.3064

■ 44.2092, 48.6507,
28.8906

■ 5.1245, 3.0741,
22.1534

■ 50.3233, 55.6171,
29.9130

■ 4.6059, 2.3732,
22.0454

■ 56.9510, 63.1523,
31.0181

■ 4.3435, 2.0232,
21.9917

■ 64.1037, 71.2690,
32.2078

Harmonies

Analogous

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



16.7648, 18.0334, 24.4488



17.5964, 18.0334, 24.3832



18.3281, 18.0334, 22.9804

Triad

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



17.5964, 18.0334, 24.3832



18.2715, 18.0334, 16.4932



15.6275, 18.0334, 18.5719

Complementary

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



17.5964, 18.0334, 24.3832



20.5930, 22.1085, 19.4020

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.



16.0048, 18.0334, 16.6317



17.5964, 18.0334, 24.3832



17.5212, 18.0334, 15.4991

Square

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



17.5964, 18.0334, 24.3832



18.7265, 18.0334, 18.3685



16.6920, 18.0334, 15.5476



15.6462, 18.0334, 20.9591

Rectangle

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



17.5964, 18.0334, 24.3832



18.6528, 18.0334, 21.5359



16.6920, 18.0334, 15.5476



15.7117, 18.0334, 17.8500

Sweetspot

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



17.5969, 18.0342, 24.3836



36.0724, 37.6744, 43.8238



19.3332, 21.7523, 24.2053



8.3033, 8.6609, 10.1868



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.



17.5969, 18.0342, 24.3836



29.6803, 30.2298, 42.7238



18.2138, 18.0096, 24.3463



4.4754, 4.6265, 5.8579



4.2079, 1.9636, 21.2939



0.0172, 0.0121, 0.0747

Inverse Universe

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



18.8578, 18.4518, 19.3982



32.2857, 31.1057, 32.4191



19.9159, 22.1586, 19.4474



4.6932, 4.6970, 4.9969



9.3021, 4.7852, 0.8971



0.0336, 0.0171, 0.0102

Previews

White Background



This preview shows how the XYZ color 17.5964, 18.0334, 24.3832 looks on a white background.

Color Contrast Check

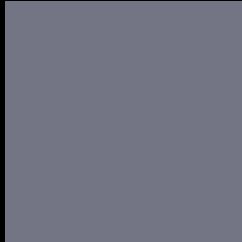
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5964, 18.0334, 24.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

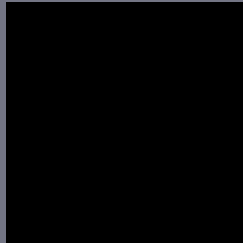
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

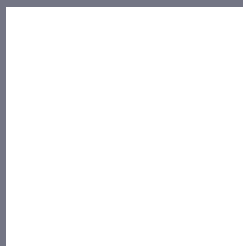
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5964, 18.0334, 24.3832

Background



This preview shows how black text looks on a background with the XYZ color 17.5964, 18.0334, 24.3832.



This preview shows how white text looks on a background with the XYZ color 17.5964, 18.0334,

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

17.5964, 18.0334, 24.3832

Protanopia

17.7286, 18.1015, 24.3893

Deuteranopia

18.3216, 18.0650, 24.3510



Tritanopia

17.2486, 18.0666, 22.6568

Trichromacy



Original Color

17.5964, 18.0334, 24.3832

Protanomaly

17.7286, 18.1015, 24.3893

Deuteranomaly

18.0180, 18.0787, 24.3697

Tritanomaly

17.3803, 18.1193, 23.3502

Monochromacy



Original Color

17.5964, 18.0334, 24.3832

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.3897, 18.1688, 21.3293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5964, 18.0334, 24.3832 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(115, 117, 132)` looks like.

```
.text, #text, p{  
    color:rgb(115, 117, 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(115, 117, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 117, 132) }
```

Border

The CSS property to change the border of an element to XYZ 17.5964, 18.0334, 24.3832 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(115, 117, 132) }
```


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

```
.border{ border-color:rgb(115, 117, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 117, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 117, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 117, 132);  
box-shadow:4px 4px 4px 4px rgb(115, 117,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5964, 18.0334, 24.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 117, 132) }
```

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

```
.background{ background-color: rgb(115,  
117, 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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