

Converting Colors

XYZ(17.8444, 19.3238, 24.3243)

Have a look what the booklet for
XYZ(17.8444, 19.3238, 24.3243)
contains.

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Color

**XYZ(17.7352, 19.1841,
24.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7B83
RGB	111, 123, 131
RGB Percent	44%, 48%, 51%
CMY	0.5647, 0.5176, 0.4863
CMYK	0.15, 0.06, 0.00, 0.49
HSL	204°, 8%, 47%
HSV	204°, 15%, 51%
XYZ	17.7352, 19.1841, 24.2409
YIQ	120.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

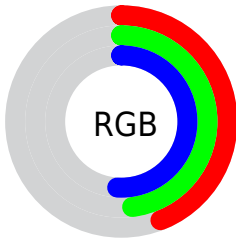
Format	Color
R_{YB}	111, 119, 131
Decimal	7306115
CIE Lab	50.90, -2.65, -5.87
CIE LCh	51, 6.440, 245.668
Yxy	19.1841, 0.2900, 0.3137
Android (android.graphics.Color)	4285496195 (0xFF6F7B83)
YUV	120.3240, 5.2633, -8.1771
Hunter-Lab	43.7997, -4.3718, -2.1543

Details

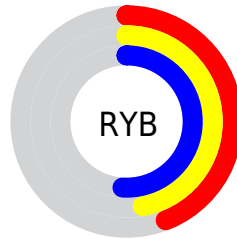
The XYZ color **17.7352, 19.1841, 24.2409** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8262, 19.1665, 17.7465**, and the grayscale version is **17.9427, 18.8771, 20.5571**.

A 20% lighter version of the original color is **39.0860, 41.9072, 51.3762**, and **6.0217, 6.5635, 8.9322** is the 20% darker color. If you saturate the color by 10%, you get **15.5738, 17.1312, 23.9589**, and if you desaturate by 10%, it is **20.1743, 21.4328, 24.5467**.

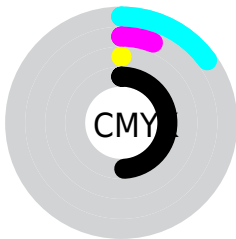
Distribution



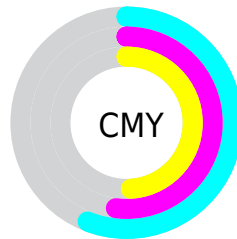
- Red (44%)
- Green (48%)
- Blue (51%)



- Red (44%)
- Yellow (47%)
- Blue (51%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7352, 19.1841, 24.2409 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 17.7352, 19.1841, 24.2409 by changing the saturation by 10% instead.

■ 17.7352, 19.1841,
24.2409

■ 17.7352, 19.1841,
24.2409

232.4488,
247.4632, 287.3618

■ 10.8586, 11.8034,
15.2986

■ 39.1192, 42.0450,
51.3718

■ 6.0384, 6.6099,
8.8802

■ 54.3573, 58.2939,
70.3974

■ 2.9093, 3.2194,
4.5674

■ 73.1133, 78.2677,
93.6212

■ 1.1060, 1.2473,
1.9415

■ 95.7525, 102.3507,
121.4617

■ 0.0301, 0.0998,
0.5190

122.6403,
130.9274, 154.3375

■ 0.0000, 0.0000,
0.0000

154.1421,

164.3821, 192.6671

190.6231,
203.0992, 236.8690

■ 17.7352, 19.1841,
24.2409

■ 17.7352, 19.1841,
24.2409

■ 15.5738, 17.1312,
23.9589

■ 20.1743, 21.4328,
24.5467

■ 13.6773, 15.2653,
23.6987

■ 22.8998, 23.8810,
24.8756

■ 12.0346, 13.5802,
23.4600

■ 25.9220, 26.5354,
25.2287

■ 10.6329, 12.0684,
23.2421

■ 29.2503, 29.4015,
25.6065

■ 9.4582, 10.7221,
23.0441

■ 32.8935, 32.4846,
26.0095

■ 8.4950, 9.5322,
22.8652

■ 36.8602, 35.7899,
26.4384

■ 7.7255, 8.4888,
22.7044

■ 41.1587, 39.3223,
26.8937

■ 7.1237, 7.5773,
22.5602

■ 45.7966, 43.0865,
27.3758

■ 6.8649, 7.1750,
22.4961

■ 50.7818, 47.0871,
27.8853

Harmonies

Analogous

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



17.2594, 19.1841, 22.9953



17.7352, 19.1841, 24.2409



18.3548, 19.1841, 24.5667

Triad

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



17.7352, 19.1841, 24.2409



19.4767, 19.1841, 20.5446



17.5309, 19.1841, 18.1729

Complementary

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



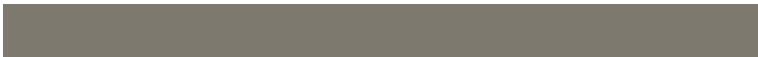
17.7352, 19.1841, 24.2409



18.8262, 19.1665, 17.7465

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.



18.1135, 19.1841, 17.5966



17.7352, 19.1841, 24.2409



19.2445, 19.1841, 18.9140

Square

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



17.7352, 19.1841, 24.2409



19.3698, 19.1841, 22.3631



18.7419, 19.1841, 17.8599



17.1433, 19.1841, 19.4796

Rectangle

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



17.7352, 19.1841, 24.2409



18.7682, 19.1841, 24.2029



18.7419, 19.1841, 17.8599



17.7099, 19.1841, 17.8909

Sweetspot

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



17.7358, 19.1849, 24.2413



36.1976, 38.4448, 43.9659



17.9819, 20.9363, 20.4417



8.3629, 8.8919, 10.2282



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.



17.7358, 19.1849, 24.2413



30.4891, 33.1608, 43.2469



16.5950, 16.9033, 23.8611



4.6495, 4.9746, 5.9159



6.7600, 7.0678, 22.1446



0.0306, 0.0388, 0.0791

Inverse Universe

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



18.6201, 17.6246, 21.1603



32.3734, 29.9133, 36.6649



20.0360, 21.5862, 18.1497



4.7811, 4.7321, 5.4596



10.5902, 5.3004, 7.6806



0.0403, 0.0198, 0.0456

Previews

White Background



This preview shows how the XYZ color 17.7352, 19.1841, 24.2409 looks on a white 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

Black Background



This preview shows how the XYZ color 17.7352, 19.1841, 24.2409 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

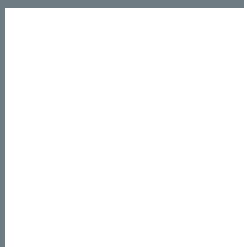
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7352, 19.1841, 24.2409

Background



This preview shows how black text looks on a background with the XYZ color 17.7352, 19.1841, 24.2409.



This preview shows how white text looks on a background with the XYZ color 17.7352, 19.1841,

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

17.7352, 19.1841, 24.2409

Protanopia

18.5641, 19.0829, 23.4738

Deuteranopia

19.5454, 19.2120, 24.5079



Tritanopia

17.8721, 19.2389, 24.9618

Trichromacy



Original Color

17.7352, 19.1841, 24.2409

Protanomaly

18.2028, 19.0684, 23.8403

Deuteranomaly

18.9074, 19.2365, 24.5463

Tritanomaly

17.8034, 19.2114, 24.5996

Monochromacy



Original Color

17.7352, 19.1841, 24.2409

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8116, 18.9119, 21.7804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7352, 19.1841, 24.2409 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(111, 123, 131)` looks like.

```
.text, #text, p{  
    color:rgb(111, 123, 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(111, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 123, 131) }
```

Border

The CSS property to change the border of an element to XYZ 17.7352, 19.1841, 24.2409 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(111, 123, 131) }
```


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

```
.border{ border-color:rgb(111, 123, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 123, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 123, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 123, 131);  
box-shadow:4px 4px 4px 4px rgb(111, 123,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7352, 19.1841, 24.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 123, 131) }
```

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

```
.background{ background-color: rgb(111,  
123, 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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