

Converting Colors

XYZ(16.9871, 18.3024, 24.3828)

Have a look what the booklet for
XYZ(16.9871, 18.3024, 24.3828)
contains.

XYZ(16.9447, 18.2247, 24.4544)	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(16.9447, 18.2247,
24.4544)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7884
RGB	107, 120, 132
RGB Percent	42%, 47%, 52%
CMY	0.5804, 0.5294, 0.4824
CMYK	0.19, 0.09, 0.00, 0.48
HSL	209°, 10%, 47%
HSV	209°, 19%, 52%
XYZ	16.9447, 18.2247, 24.4544
YIQ	117.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

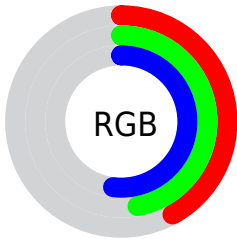
Format	Color
R_{YB}	107, 116, 132
Decimal	7043204
CIE _{Lab}	49.77, -2.07, -8.18
CIE _{LCh}	50, 8.437, 255.773
Yxy	18.2247, 0.2842, 0.3057
Android (android.graphics.Color)	4285233284 (0xFF6B7884)
YUV	117.4810, 7.1579, -9.1918
Hunter-Lab	42.6904, -3.8579, -4.0799

Details

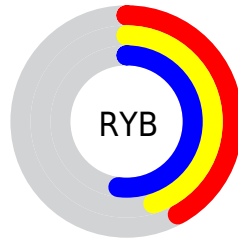
The XYZ color **16.9447, 18.2247, 24.4544** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.7664, 19.1605, 16.6195**, and the grayscale version is **17.0393, 17.9267, 19.5221**.

A 20% lighter version of the original color is **37.8076, 40.3788, 51.7001**, and **5.6823, 6.1891, 9.0787** is the 20% darker color. If you saturate the color by 10%, you get **14.7405, 15.9950, 24.1405**, and if you desaturate by 10%, it is **19.4427, 20.6817, 24.7973**.

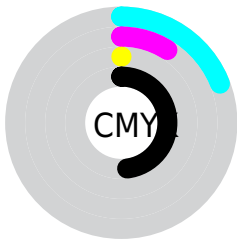
Distribution



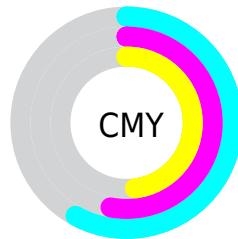
- Red (42%)
- Green (47%)
- Blue (52%)



- Red (42%)
- Yellow (45%)
- Blue (52%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (48%)



- Cyan (58%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9447, 18.2247, 24.4544 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 16.9447, 18.2247, 24.4544 by changing the saturation by 10% instead.

■ 16.9447, 18.2247,
24.4544

■ 16.9447, 18.2247,
24.4544

228.0160,
242.1345, 288.4700

■ 10.2901, 11.1114,
15.4557

■ 37.7750, 40.4198,
51.7238

■ 5.6555, 6.1418,
8.9897

■ 52.6815, 56.2705,
70.8316

■ 2.6754, 2.9315,
4.6377

■ 71.0693, 75.8024,
94.1462

■ 0.9845, 1.0961,
1.9813

■ 93.3038, 99.4000,
122.0861

■ 0.0000, 0.0000,
0.5438

119.7504,
127.4476, 155.0699

■ 0.0000, 0.0000,
0.0000

150.7744,

160.3296, 193.5162

186.7411,
198.4304, 237.8433

■ 16.9447, 18.2247,
24.4544

■ 16.9447, 18.2247,
24.4544

■ 14.7405, 15.9950,
24.1405

■ 19.4427, 20.6817,
24.7973

■ 12.8166, 13.9826,
23.8535

■ 22.2440, 23.3708,
25.1687

■ 11.1607, 12.1804,
23.5929

■ 25.3599, 26.2997,
25.5698

■ 9.7589, 10.5796,
23.3578

■ 28.8003, 29.4748,
26.0013

■ 8.5961, 9.1708,
23.1471

■ 32.5748, 32.9024,
26.4640

■ 7.6551, 7.9435,
22.9598

■ 36.6926, 36.5884,
26.9584

■ 6.9164, 6.8861,
22.7947

■ 41.1626, 40.5387,
27.4853

■ 6.3305, 5.9711,
22.6489

■ 45.9931, 44.7587,
28.0453

■ 6.2716, 5.8794,
22.6343

■ 51.1924, 49.2540,
28.6389

Harmonies

Analogous

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



16.2655, 18.2247, 23.1900



16.9447, 18.2247, 24.4544



17.7459, 18.2247, 24.4188

Triad

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



16.9447, 18.2247, 24.4544



18.8535, 18.2247, 18.6637



16.2372, 18.2247, 16.9116

Complementary

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



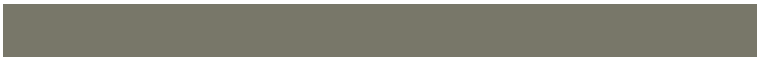
16.9447, 18.2247, 24.4544



18.7664, 19.1605, 16.6195

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.



16.9050, 18.2247, 15.8788



16.9447, 18.2247, 24.4544



18.4234, 18.2247, 16.8357

Square

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



16.9447, 18.2247, 24.4544



18.8649, 18.2247, 20.9522



17.7049, 18.2247, 15.8522



15.8656, 18.2247, 18.7748

Rectangle

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



16.9447, 18.2247, 24.4544



18.2420, 18.2247, 23.6588



17.7049, 18.2247, 15.8522



16.4335, 18.2247, 16.4624

Sweetspot

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



16.9452, 18.2254, 24.4548



35.5772, 37.7171, 43.8582



17.6247, 20.9525, 20.4636



8.2237, 8.7240, 10.2032



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.



16.9452, 18.2254, 24.4548



28.0094, 30.2579, 42.8173



15.5735, 15.4820, 23.9976



4.6199, 4.9154, 5.9060



6.0778, 5.7034, 21.9172



0.0284, 0.0344, 0.0784

Inverse Universe

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



18.1640, 16.7773, 20.0512



30.6197, 27.2898, 33.3556



20.3085, 22.2448, 17.1335



4.7662, 4.7262, 5.3810



10.2459, 5.1627, 5.8673



0.0392, 0.0194, 0.0398

Previews

White Background



This preview shows how the XYZ color 16.9447, 18.2247, 24.4544 looks on a white background.

Color Contrast Check

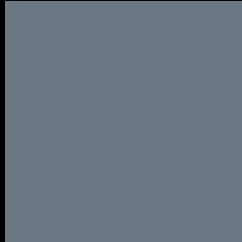
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9447, 18.2247, 24.4544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

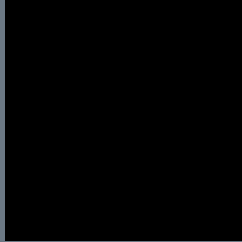
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

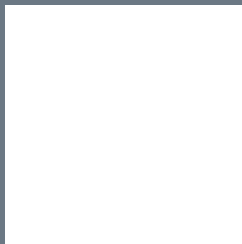
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9447, 18.2247, 24.4544

Background



This preview shows how black text looks on a background with the XYZ color 16.9447, 18.2247, 24.4544.

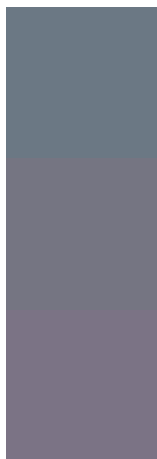


This preview shows how white text looks on a background with the XYZ color 16.9447, 18.2247,

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

16.9447, 18.2247, 24.4544

Protanopia

17.7267, 18.1162, 23.6816

Deuteranopia

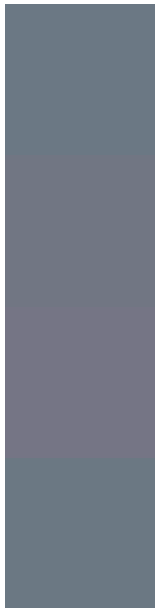
18.5328, 18.1659, 24.7199



Tritanopia

16.8091, 18.1704, 23.7404

Trichromacy



Original Color

16.9447, 18.2247, 24.4544

Protanomaly

17.3852, 18.1063, 24.0513

Deuteranomaly

17.9310, 18.1979, 24.7578

Tritanomaly

16.8766, 18.1974, 24.0957

Monochromacy



Original Color

16.9447, 18.2247, 24.4544

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8013, 17.8727, 20.9766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9447, 18.2247, 24.4544 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(107, 120, 132)` looks like.

```
.text, #text, p{  
    color:rgb(107, 120, 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(107, 120, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 120, 132) }
```

Border

The CSS property to change the border of an element to XYZ 16.9447, 18.2247, 24.4544 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(107, 120, 132) }
```


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

```
.border{ border-color:rgb(107, 120, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 120, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 120, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 120, 132);  
box-shadow:4px 4px 4px 4px rgb(107, 120,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9447, 18.2247, 24.4544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 120, 132) }
```

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

```
.background{ background-color: rgb(107,  
120, 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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