

Converting Colors

XYZ(15.9467, 17.4924, 22.1265)

Have a look what the booklet for
XYZ(15.9467, 17.4924, 22.1265)
contains.

XYZ(15.9532, 17.4063, 22.2576)	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(15.9532, 17.4063,
22.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	68767E
RGB	104, 118, 126
RGB Percent	41%, 46%, 49%
CMY	0.5922, 0.5372, 0.5059
CMYK	0.17, 0.06, 0.00, 0.51
HSL	202°, 10%, 45%
HSV	202°, 17%, 49%
XYZ	15.9532, 17.4063, 22.2576
YIQ	114.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

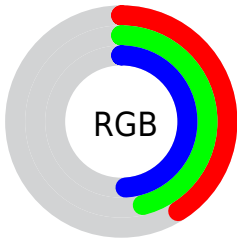
Format	Color
RYB	104, 113, 126
Decimal	6846078
CIELab	48.77, -3.36, -6.15
CIElCh	49, 7.007, 241.306
Yxy	17.4063, 0.2868, 0.3130
Android (android.graphics.Color)	4285036158 (0xFF68767E)
YUV	114.7260, 5.5581, -9.4067
Hunter-Lab	41.7209, -4.7568, -2.4259

Details

The XYZ color **15.9532, 17.4063, 22.2576** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8970, 17.0232, 15.4921**, and the grayscale version is **16.1992, 17.0429, 18.5597**.

A 20% lighter version of the original color is **36.0290, 38.9727, 48.2714**, and **5.2171, 5.7860, 7.8630** is the 20% darker color. If you saturate the color by 10%, you get **14.0723, 15.6556, 22.0191**, and if you desaturate by 10%, it is **18.0799, 19.3235, 22.5158**.

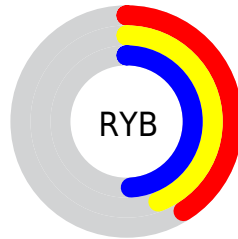
Distribution



Red (41%)

Green (46%)

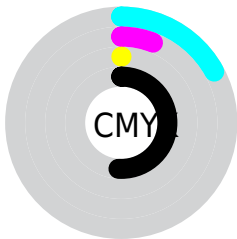
Blue (49%)



Red (41%)

Yellow (44%)

Blue (49%)

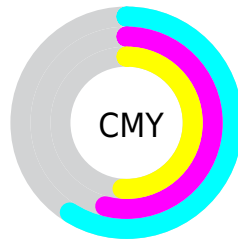


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (51%)



Cyan (59%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9532, 17.4063, 22.2576 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 15.9532, 17.4063, 22.2576 by changing the saturation by 10% instead.

■ 15.9532, 17.4063,
22.2576

■ 15.9532, 17.4063,
22.2576

222.3412,
237.5030, 276.8858

■ 9.5817, 10.5246,
13.8462

■ 36.0750, 39.0230,
48.0790

■ 5.1826, 5.7481,
7.8762

■ 50.5561, 54.5269,
66.3261

■ 2.3907, 2.6925,
3.9292

■ 68.4710, 73.6735,
88.6888

■ 0.8405, 0.9734,
1.5866

■ 90.1851, 96.8474,
115.5857

■ 0.0000, 0.0000,
0.2812

116.0639,
124.4329, 147.4353

■ 0.0000, 0.0000,
0.0000

146.4726,

156.8144, 184.6562

181.7766,
194.3763, 227.6669

■ 15.9532, 17.4063,
22.2576

■ 15.9532, 17.4063,
22.2576

■ 14.0723, 15.6556,
22.0191

■ 18.0799, 19.3235,
22.5158

■ 12.4256, 14.0636,
21.7986

■ 20.4603, 21.4104,
22.7932

■ 11.0029, 12.6249,
21.5959

■ 23.1038, 23.6730,
23.0906

■ 9.7925, 11.3328,
21.4103

■ 26.0189, 26.1159,
23.4085

■ 8.7816, 10.1802,
21.2411

■ 29.2136, 28.7440,
23.7474

■ 7.9560, 9.1591,
21.0875

■ 32.6955, 31.5617,
24.1077

■ 7.2991, 8.2605,
20.9487

■ 36.4723, 34.5733,
24.4900

■ 6.7751, 7.4652,
20.8228

■ 40.5509, 37.7830,
24.8945

■ 6.6489, 7.2722,
20.7922

■ 44.9382, 41.1947,
25.3218

Harmonies

Analogous

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



15.5024, 17.4063, 20.8675



15.9532, 17.4063, 22.2576



16.5726, 17.4063, 22.7478

Triad

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



15.9532, 17.4063, 22.2576



17.8211, 17.4063, 18.8713



15.9053, 17.4063, 16.0646

Complementary

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



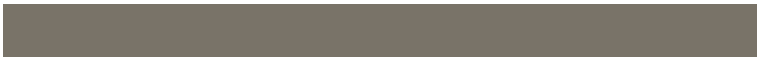
15.9532, 17.4063, 22.2576



16.8970, 17.0232, 15.4921

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.



16.5158, 17.4063, 15.6047



15.9532, 17.4063, 22.2576



17.6316, 17.4063, 17.1584

Square

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



15.9532, 17.4063, 22.2576



17.6612, 17.4063, 20.7177



17.1495, 17.4063, 15.9919



15.4753, 17.4063, 17.2906

Rectangle

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



15.9532, 17.4063, 22.2576



17.0010, 17.4063, 22.4746



17.1495, 17.4063, 15.9919



16.0956, 17.4063, 15.8191

Sweetspot

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



15.9537, 17.4070, 22.2580



32.7654, 34.8467, 39.7435



16.0779, 19.0282, 18.0674



7.4001, 7.8796, 9.0340



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.9537, 17.4070, 22.2580



26.6961, 29.3629, 39.0049



14.7640, 15.0277, 21.8614



4.3190, 4.6321, 5.4797



6.8169, 7.4523, 21.3291



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.8249, 15.6445, 19.2734



28.5509, 25.7152, 32.6266



18.1489, 19.5270, 15.9094



4.4339, 4.3867, 5.0892



10.3178, 5.1468, 8.2635



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9532, 17.4063, 22.2576 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 15.9532, 17.4063, 22.2576 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

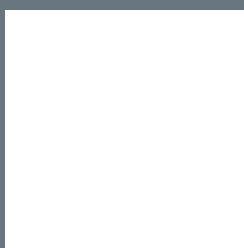
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9532, 17.4063, 22.2576

Background



This preview shows how black text looks on a background with the XYZ color 15.9532, 17.4063, 22.2576.



This preview shows how white text looks on a background with the XYZ color 15.9532, 17.4063,

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

15.9532, 17.4063, 22.2576

Protanopia

16.8391, 17.3615, 21.5324

Deuteranopia

17.6510, 17.2582, 22.4795



Tritanopia

16.0181, 17.4322, 22.5992

Trichromacy



Original Color

15.9532, 17.4063, 22.2576

Protanomaly

16.5026, 17.3510, 21.8813

Deuteranomaly

16.9183, 17.2118, 22.5092

Tritanomaly

16.0181, 17.4322, 22.5992

Monochromacy



Original Color

15.9532, 17.4063, 22.2576

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1307, 17.2022, 19.9229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9532, 17.4063, 22.2576 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(104, 118, 126)` looks like.

```
.text, #text, p{  
    color:rgb(104, 118, 126)  
}
```

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(104, 118, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 118, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.9532, 17.4063, 22.2576 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(104, 118, 126) }
```


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

```
.border{ border-color:rgb(104, 118, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 118, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 118, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 118, 126);  
box-shadow:4px 4px 4px 4px rgb(104, 118,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9532, 17.4063, 22.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 118, 126) }
```

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

```
.background{ background-color: rgb(104,  
118, 126) }
```

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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