

Converting Colors

XYZ(15.0152, 18.3160, 22.3701)

Have a look what the booklet for
XYZ(15.0152, 18.3160, 22.3701)
contains.

XYZ(15.0645, 18.4065, 22.4975)	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(15.0645, 18.4065,
22.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	567E7E
RGB	86, 126, 126
RGB Percent	34%, 49%, 49%
CMY	0.6627, 0.5059, 0.5059
CMYK	0.32, 0.00, 0.00, 0.51
HSL	180°, 19%, 42%
HSV	180°, 32%, 49%
XYZ	15.0645, 18.4065, 22.4975
YIQ	114.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

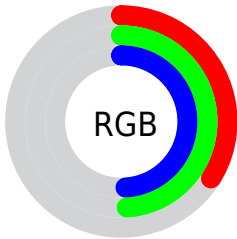
Format	Color
R_{YB}	86, 106, 126
Decimal	5668478
CIE _{Lab}	49.99, -13.83, -4.47
CIE _{LCh}	50, 14.536, 197.906
Yxy	18.4065, 0.2692, 0.3289
Android (android.graphics.Color)	4283858558 (0xFF567E7E)
YUV	114.0400, 5.8963, -24.5911
Hunter-Lab	42.9028, -12.4030, -1.0587

Details

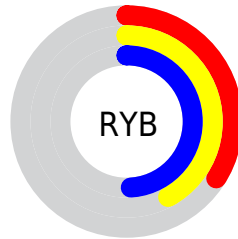
The XYZ color **15.0645, 18.4065, 22.4975** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.6123, 11.7636, 10.3579**, and the grayscale version is **15.9946, 16.8276, 18.3253**.

A 20% lighter version of the original color is **34.5733, 40.8132, 48.7034**, and **4.7564, 6.2369, 7.9743** is the 20% darker color. If you saturate the color by 10%, you get **14.0053, 17.8609, 22.4482**, and if you desaturate by 10%, it is **16.3294, 19.0590, 22.5573**.

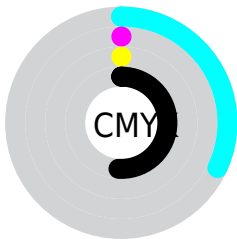
Distribution



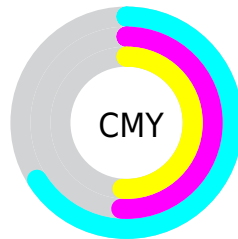
- Red (34%)
- Green (49%)
- Blue (49%)



- Red (34%)
- Yellow (42%)
- Blue (49%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (66%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0645, 18.4065, 22.4975 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 15.0645, 18.4065, 22.4975 by changing the saturation by 10% instead.

■ 15.0645, 18.4065,
22.4975

■ 15.0645, 18.4065,
22.4975

217.1369,
243.1524, 278.1712

■ 8.9513, 11.2422,
14.0211

■ 34.5370, 40.7288,
48.4796

■ 4.7663, 6.2300,
7.9964

■ 48.6270, 56.6556,
66.8223

■ 2.1441, 2.9854,
4.0049

■ 66.1067, 76.2720,
89.2910

■ 0.7130, 1.1241,
1.6280

■ 87.3413, 99.9625,
116.3040

■ 0.0000, 0.0000,
0.3107

■ 112.6963,
128.1113, 148.2801

■ 0.0000, 0.0000,
0.0000

142.5370,

161.1030, 185.6376

177.2288,
199.3219, 228.7951

■ 15.0645, 18.4065,
22.4975

■ 15.0645, 18.4065,
22.4975

■ 14.0053, 17.8609,
22.4482

■ 16.3294, 19.0590,
22.5573

■ 13.1393, 17.4145,
22.4075

■ 17.8082, 19.8214,
22.6266

■ 12.4555, 17.0620,
22.3753

■ 19.5109, 20.6991,
22.7065

■ 11.9407, 16.7966,
22.3511

■ 21.4461, 21.6968,
22.7972

■ 11.5803, 16.6108,
22.3340

■ 23.6223, 22.8186,
22.8992

■ 11.3571, 16.4958,
22.3234

■ 26.0471, 24.0687,
23.0128

■ 11.2269, 16.4286,
22.3172

■ 28.7283, 25.4509,
23.1385

■ 31.6729, 26.9689,
23.2764

■ 34.8879, 28.6263,
23.4271

Harmonies

Analogous

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



15.0009, 18.4065, 18.4748



15.0645, 18.4065, 22.4975



15.7576, 18.4065, 26.2996

Triad

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



15.0645, 18.4065, 22.4975



19.5617, 18.4065, 25.6449



18.0629, 18.4065, 13.4293

Complementary

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



15.0645, 18.4065, 22.4975



13.6123, 11.7636, 10.3579

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.



19.3553, 18.4065, 14.8644



15.0645, 18.4065, 22.4975



20.2509, 18.4065, 21.6945

Square

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



15.0645, 18.4065, 22.4975



18.3326, 18.4065, 28.2763



20.1734, 18.4065, 17.7712



16.6830, 18.4065, 13.5843

Rectangle

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



15.0645, 18.4065, 22.4975



16.5052, 18.4065, 28.0355



20.1734, 18.4065, 17.7712



18.5232, 18.4065, 13.7330

Sweetspot

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



15.0650, 18.4072, 22.4979



31.7726, 35.1089, 39.8462



13.0405, 17.6046, 11.5152



7.1532, 7.9479, 9.0601



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.



15.0650, 18.4072, 22.4979



25.1488, 31.6942, 39.5354



12.8272, 13.9314, 21.7525



4.4464, 4.8869, 5.5221



11.5172, 16.8535, 22.8943



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.6123, 11.7636, 10.3579



22.1749, 18.0940, 14.6836



15.3701, 15.2793, 10.9436



4.3278, 4.3443, 4.5306



8.8271, 4.5505, 0.4132



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0645, 18.4065, 22.4975 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 15.0645, 18.4065, 22.4975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

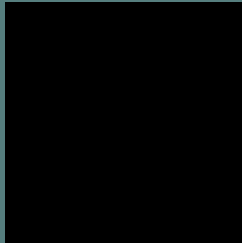
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

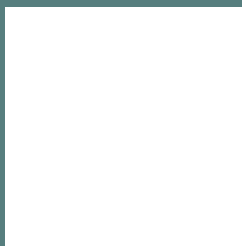
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0645, 18.4065, 22.4975

Background



This preview shows how black text looks on a background with the XYZ color 15.0645, 18.4065, 22.4975.



This preview shows how white text looks on a background with the XYZ color 15.0645, 18.4065,

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

15.0645, 18.4065, 22.4975

Protanopia

17.6754, 18.3304, 20.6957

Deuteranopia

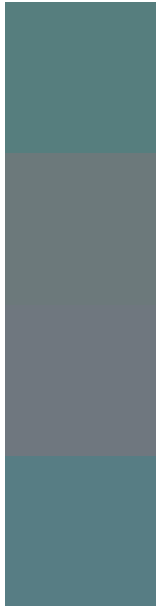
18.6312, 18.2556, 22.9638



Tritanopia

15.7313, 18.4912, 25.6617

Trichromacy



Original Color

15.0645, 18.4065, 22.4975

Protanomaly

16.5969, 18.2929, 21.3950

Deuteranomaly

16.9831, 18.1055, 22.6783

Tritanomaly

15.4290, 18.3594, 24.5603

Monochromacy



Original Color

15.0645, 18.4065, 22.4975

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4574, 17.2079, 19.6463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0645, 18.4065, 22.4975 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(86, 126, 126) looks like.

```
.text, #text, p{  
    color:rgb(86, 126, 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(86, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 126, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.0645, 18.4065, 22.4975 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(86, 126, 126) }
```


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

```
.border{ border-color:rgb(86, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(86, 126,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0645, 18.4065, 22.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 126, 126) }
```

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

```
.background{ background-color: rgb(86, 126,  
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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