

Converting Colors

XYZ(10.6462, 15.2687, 19.2173)

Have a look what the booklet for
XYZ(10.6462, 15.2687, 19.2173)
contains.

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Color

**XYZ(10.6439, 15.2662,
19.2153)**

Conversions

Conversions Part 1

Format	Color
Hex	207975
RGB	32, 121, 117
RGB Percent	13%, 47%, 46%
CMY	0.8745, 0.5255, 0.5412
CMYK	0.74, 0.00, 0.03, 0.53
HSL	177°, 58%, 30%
HSV	177°, 74%, 47%
XYZ	10.6439, 15.2662, 19.2153
YIQ	93.9330, -51.7600, -20.1120

Conversions

Conversions Part 2

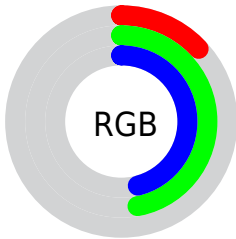
Format	Color
RYB	32, 78, 121
Decimal	2128245
CIELab	46.00, -26.22, -5.29
CIElCh	46, 26.752, 191.409
Yxy	15.2662, 0.2359, 0.3383
Android (android.graphics.Color)	4280318325 (0xFF207975)
YUV	93.9330, 11.3720, -54.3152
Hunter-Lab	39.0720, -19.7494, -1.8080




Details

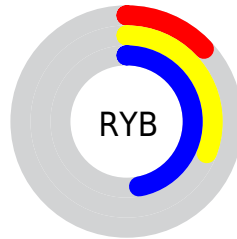
The XYZ color **10.6439, 15.2662, 19.2153** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8.7206, 5.2257, 2.2185**, and the grayscale version is **10.6067, 11.1591, 12.1522**.




A 20% lighter version of the original color is **26.7111, 35.4120, 42.9635**, and **3.3915, 5.0644, 6.4290** is the 20% darker color. If you saturate the color by 10%, you get **10.3032, 15.0946, 19.0332**, and if you desaturate by 10%, it is **11.1238, 15.5103, 19.4056**.

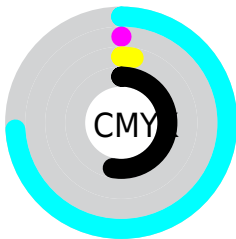
Distribution







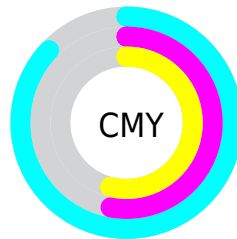
-  Red (13%)
-  Green (47%)
-  Blue (46%)






-  Red (13%)
-  Yellow (31%)
-  Blue (47%)



-  Cyan (74%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (53%)



-  Cyan (87%)
-  Magenta (53%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6439, 15.2662, 19.2153 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 10.6439, 15.2662, 19.2153 by changing the saturation by 10% instead.

■ 10.6439, 15.2662,
19.2153

■ 10.6439, 15.2662,
19.2153

189.1671,
224.9719, 260.0970

■ 5.8934, 9.0064,
11.6476

■ 26.6386, 35.3195,
42.9391

■ 2.8204, 4.7454,
6.3846

■ 38.6136, 49.8818,
59.9323

■ 1.0595, 2.0987,
3.0078

■ 53.7274, 67.9804,
80.9044

■ 0.0000, 0.6639,
1.0986

■ 72.3454, 89.9997,
106.2739

■ 0.0000, 0.0000,
0.0000

■ 94.8331, 116.3241,
136.4593

■ 121.5557,

147.3380, 171.8793

152.8786,
183.4258, 212.9524

■ 10.6439, 15.2662,
19.2153

■ 10.6439, 15.2662,
19.2153

■ 10.3032, 15.0946,
19.0332

■ 11.1238, 15.5103,
19.4056

■ 10.0826, 14.9845,
18.8573

■ 11.7553, 15.8320,
19.6036

■ 9.9646, 14.9261,
18.7456

■ 12.5506, 16.2383,
19.8102

■ 13.5206, 16.7346,
20.0260

■ 14.6751, 17.3260,
20.2514

■ 16.0233, 18.0172,
20.4869

■ 17.5737, 18.8126,
20.7328

■ 19.3343, 19.7163,
20.9895

■ 21.3126, 20.7323,
21.2573

Harmonies

Analogous

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



10.7592, 15.2662, 12.9525



10.6439, 15.2662, 19.2153



11.4810, 15.2662, 26.3190

Triad

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



10.6439, 15.2662, 19.2153



17.5875, 15.2662, 27.8494



15.9442, 15.2662, 7.3774

Complementary

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



10.6439, 15.2662, 19.2153



8.7206, 5.2257, 2.2185

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.



18.0299, 15.2662, 9.6585



10.6439, 15.2662, 19.2153



19.0447, 15.2662, 20.9270

Square

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



10.6439, 15.2662, 19.2153



15.3893, 15.2662, 32.1026



19.2146, 15.2662, 14.2737



13.6650, 15.2662, 7.1445

Rectangle

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



10.6439, 15.2662, 19.2153



12.5230, 15.2662, 30.1652



19.2146, 15.2662, 14.2737



16.6970, 15.2662, 7.8956

Sweetspot

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



10.6444, 15.2668, 19.2157



26.5041, 31.1408, 36.3050



7.8419, 14.1629, 3.6872



5.9532, 7.0656, 8.2814



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.6444, 15.2668, 19.2157



18.1667, 26.8879, 33.8716



6.9860, 7.5655, 19.1819



4.0997, 4.5095, 5.0586



10.6771, 15.9945, 20.0821



50.8440, 76.2606, 95.3376

Inverse Universe

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



8.7206, 5.2257, 2.2185



14.5306, 7.8152, 1.6752



10.4670, 8.8110, 2.5158



4.0049, 4.0177, 4.2236



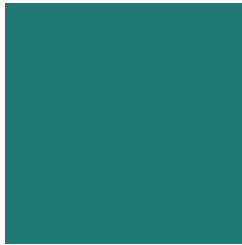
8.4809, 4.3685, 0.5575



40.3705, 20.8045, 2.2153

Previews

White Background



This preview shows how the XYZ color 10.6439, 15.2662, 19.2153 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 10.6439, 15.2662, 19.2153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

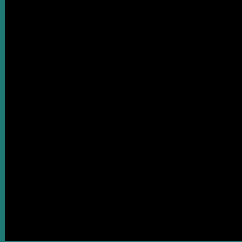
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6439, 15.2662, 19.2153

Background



This preview shows how black text looks on a background with the XYZ color 10.6439, 15.2662, 19.2153.



This preview shows how white text looks on a background with the XYZ color 10.6439, 15.2662,

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

10.6439, 15.2662, 19.2153

Protanopia

14.5533, 15.1442, 16.6241

Deuteranopia

15.2518, 14.9699, 19.8549



Tritanopia

11.4343, 15.2297, 23.1059

Trichromacy



Original Color

10.6439, 15.2662, 19.2153

Protanomaly

12.3094, 14.7739, 17.5321

Deuteranomaly

12.6704, 14.5856, 19.6003

Tritanomaly

11.1811, 15.3069, 21.7673

Monochromacy



Original Color

10.6439, 15.2662, 19.2153

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

9.9471, 12.1995, 14.4008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6439, 15.2662, 19.2153 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(32, 121, 117)` looks like.

```
.text, #text, p{  
    color:rgb(32, 121, 117)  
}
```

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(32, 121, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 121, 117) }
```

Border

The CSS property to change the border of an element to XYZ 10.6439, 15.2662, 19.2153 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(32, 121, 117) }
```


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

```
.border{ border-color:rgb(32, 121, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 121, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 121, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 121, 117);  
box-shadow:4px 4px 4px 4px rgb(32, 121,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6439, 15.2662, 19.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 121, 117) }
```

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

```
.background{ background-color: rgb(32, 121,  
117) }
```

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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