

Converting Colors

XYZ(10.5329, 12.9627, 19.3999)

Have a look what the booklet for
XYZ(10.5329, 12.9627, 19.3999)
contains.

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Color

**XYZ(10.5558, 13.0177,
19.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	3C6C77
RGB	60, 108, 119
RGB Percent	24%, 42%, 47%
CMY	0.7647, 0.5765, 0.5333
CMYK	0.50, 0.09, 0.00, 0.53
HSL	191°, 33%, 35%
HSV	191°, 50%, 47%
XYZ	10.5558, 13.0177, 19.4091
YIQ	94.9020, -32.1390, -6.7550

Conversions

Conversions Part 2

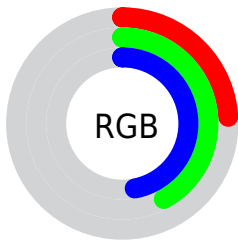
Format	Color
R _Y B	60, 86, 119
Decimal	3959927
CIE Lab	42.79, -13.07, -11.20
CIE LCh	43, 17.208, 220.591
Yxy	13.0177, 0.2456, 0.3029
Android (android.graphics.Color)	4282150007 (0xFF3C6C77)
YUV	94.9020, 11.8803, -30.6091
Hunter-Lab	36.0800, -10.9170, -6.6388

Details

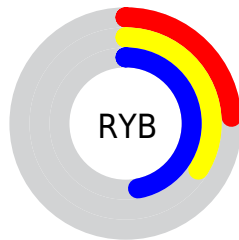
The XYZ color **10.5558, 13.0177, 19.4091** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.6768, 8.7549, 5.4024**, and the grayscale version is **10.8321, 11.3962, 12.4105**.

A 20% lighter version of the original color is **26.6036, 31.5266, 43.2112**, and **2.7657, 3.6931, 6.5283** is the 20% darker color. If you saturate the color by 10%, you get **9.6853, 12.2263, 19.3025**, and if you desaturate by 10%, it is **11.5948, 13.9054, 19.5259**.

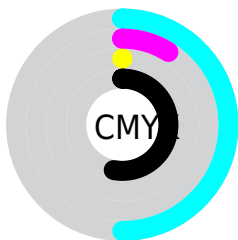
Distribution



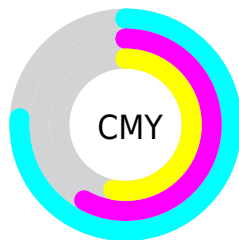
- Red (24%)
- Green (42%)
- Blue (47%)



- Red (24%)
- Yellow (34%)
- Blue (47%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5558, 13.0177, 19.4091 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 10.5558, 13.0177, 19.4091 by changing the saturation by 10% instead.

■ 10.5558, 13.0177,
19.4091

■ 10.5558, 13.0177,
19.4091

■ 188.5661,
211.0311, 261.1956

■ 5.8341, 7.4407,
11.7865

■ 26.4761, 31.3356,
43.2701

■ 2.7841, 3.7392,
6.4777

■ 38.4053, 44.8453,
60.3456

■ 1.0407, 1.5288,
3.0642

■ 53.4678, 61.7680,
81.4090

■ 0.0000, 0.3089,
1.1275

■ 72.0289, 82.4882,
106.8791

■ 0.0000, 0.0000,
0.0000

■ 94.4539, 107.3902,
137.1742

■ 121.1082,

136.8584, 172.7130

152.3572,
171.2772, 213.9139

■ 10.5558, 13.0177,
19.4091

■ 10.5558, 13.0177,
19.4091

■ 9.6853, 12.2263,
19.3025

■ 11.5948, 13.9054,
19.5259

■ 8.9711, 11.5239,
19.2045

■ 12.8110, 14.8931,
19.6525

■ 8.4011, 10.9046,
19.1150

■ 14.2142, 15.9861,
19.7895

■ 7.9611, 10.3610,
19.0333

■ 15.8128, 17.1889,
19.9374

■ 7.6025, 9.8679,
18.9570

■ 17.6148, 18.5056,
20.0966

■ 7.5875, 9.8474,
18.9538

■ 19.6278, 19.9403,
20.2674

■ 21.8590, 21.4967,
20.4502

■ 24.3152, 23.1784,
20.6453

■ 27.0029, 24.9887,
20.8531

Harmonies

Analogous

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



10.0569, 13.0177, 15.5427



10.5558, 13.0177, 19.4091



11.5540, 13.0177, 22.1313

Triad

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



10.5558, 13.0177, 19.4091



14.9059, 13.0177, 16.7109



11.9154, 13.0177, 8.1963

Complementary

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



10.5558, 13.0177, 19.4091



10.6768, 8.7549, 5.4024

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.



13.2296, 13.0177, 8.3973



10.5558, 13.0177, 19.4091



15.0197, 13.0177, 12.8882

Square

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



10.5558, 13.0177, 19.4091



14.0866, 13.0177, 20.3931



14.3875, 13.0177, 9.9767



10.8042, 13.0177, 9.3685

Rectangle

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



10.5558, 13.0177, 19.4091



12.3989, 13.0177, 22.6875



14.3875, 13.0177, 9.9767



12.3470, 13.0177, 8.1115

Sweetspot

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



10.5562, 13.0182, 19.4094



26.6113, 29.5059, 35.5457



9.5920, 14.6072, 8.2447



6.1931, 6.9068, 8.4134



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.



10.5562, 13.0182, 19.4094



17.2144, 21.7713, 34.5481



7.9668, 7.8393, 18.5463



3.7281, 4.0448, 4.6745



8.0548, 10.4494, 20.1350



38.6694, 49.7554, 97.9260

Inverse Universe

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



11.9307, 8.2367, 15.1489



20.0636, 12.5124, 25.5701



13.0113, 13.4237, 6.1805



3.7988, 3.7468, 4.4671



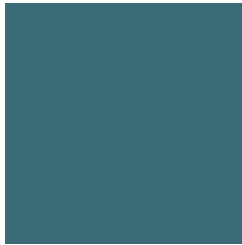
10.3628, 5.0789, 12.3848



50.2053, 24.6322, 58.8037

Previews

White Background



This preview shows how the XYZ color 10.5558, 13.0177, 19.4091 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 10.5558, 13.0177, 19.4091 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

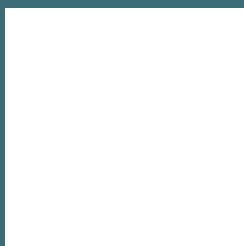
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.5558, 13.0177, 19.4091

Background



This preview shows how black text looks on a background with the XYZ color 10.5558, 13.0177, 19.4091.

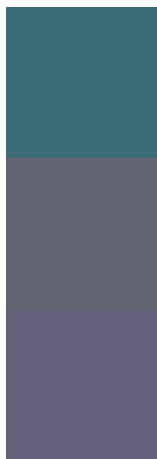


This preview shows how white text looks on a background with the XYZ color 10.5558, 13.0177,

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

10.5558, 13.0177, 19.4091

Protanopia

12.7400, 12.9819, 17.7539

Deuteranopia

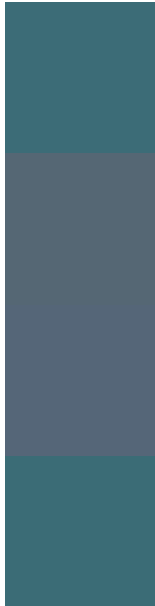
13.0744, 12.8252, 19.8756



Tritanopia

10.3771, 12.9393, 18.7802

Trichromacy



Original Color

10.5558, 13.0177, 19.4091

Protanomaly

11.7489, 12.8927, 18.3923

Deuteranomaly

11.8878, 12.7901, 19.6115

Tritanomaly

10.4362, 12.9629, 19.0916

Monochromacy



Original Color

10.5558, 13.0177, 19.4091

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.5355, 11.9077, 14.8398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5558, 13.0177, 19.4091 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(60, 108, 119)` looks like.

```
.text, #text, p{  
    color:rgb(60, 108, 119)  
}
```

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(60, 108, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 108, 119) }
```

Border

The CSS property to change the border of an element to XYZ 10.5558, 13.0177, 19.4091 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(60, 108, 119) }
```


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

```
.border{ border-color:rgb(60, 108, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 108, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 108, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 108, 119);  
box-shadow:4px 4px 4px 4px rgb(60, 108,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5558, 13.0177, 19.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 108, 119) }
```

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

```
.background{ background-color: rgb(60, 108,  
119) }
```

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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