

Converting Colors

XYZ(10.0781, 10.6147, 19.5784)

Have a look what the booklet for
XYZ(10.0781, 10.6147, 19.5784)
contains.

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Color

**XYZ(10.1132, 10.6256,
19.6071)**

Conversions

Conversions Part 1

Format	Color
Hex	495D79
RGB	73, 93, 121
RGB Percent	29%, 36%, 47%
CMY	0.7137, 0.6353, 0.5255
CMYK	0.40, 0.23, 0.00, 0.53
HSL	215°, 25%, 38%
HSV	215°, 40%, 47%
XYZ	10.1132, 10.6256, 19.6071
YIQ	90.2120, -20.9080, 4.4680

Conversions

Conversions Part 2

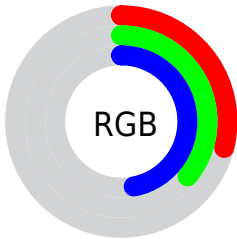
Format	Color
R_{YB}	73, 87, 121
Decimal	4808057
CIE Lab	38.94, 0.11, -18.21
CIE LCh	39, 18.212, 270.341
Yxy	10.6256, 0.2507, 0.2634
Android (android.graphics.Color)	4282998137 (0xFF495D79)
YUV	90.2120, 15.1785, -15.0949
Hunter-Lab	32.5969, -1.6650, -12.8452

Details

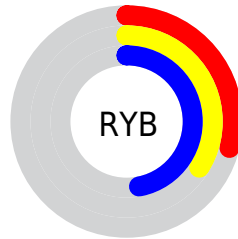
The XYZ color **10.1132, 10.6256, 19.6071** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **13.7418, 13.8538, 8.2536**, and the grayscale version is **9.7364, 10.2434, 11.1551**.

A 20% lighter version of the original color is **25.5337, 26.8730, 43.3764**, and **2.5871, 2.7076, 6.5172** is the 20% darker color. If you saturate the color by 10%, you get **8.6929, 9.0160, 19.3715**, and if you desaturate by 10%, it is **11.7698, 12.4424, 19.8707**.

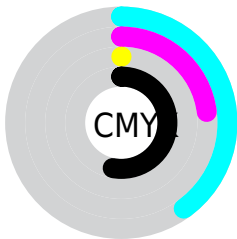
Distribution



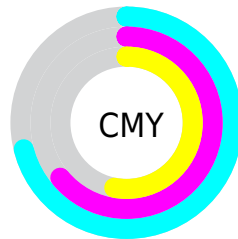
- Red (29%)
- Green (36%)
- Blue (47%)



- Red (29%)
- Yellow (34%)
- Blue (47%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1132, 10.6256, 19.6071 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 10.1132, 10.6256, 19.6071 by changing the saturation by 10% instead.

■ 10.1132, 10.6256,
19.6071

■ 10.1132, 10.6256,
19.6071

185.5149,
195.0806, 262.3136

■ 5.5369, 5.8157,
11.9285

■ 25.6559, 26.9657,
43.6077

■ 2.6036, 2.7333,
6.5731

■ 37.3531, 39.2647,
60.7669

■ 0.9478, 0.9941,
3.1222

■ 52.1547, 54.8289,
81.9233

■ 0.0000, 0.0000,
1.1574

■ 70.4259, 74.0426,
107.4956

■ 0.0000, 0.0000,
0.0000

■ 92.5322, 97.2902,
137.9022

118.8388,

124.9561, 173.5617

149.7113,
157.4248, 214.8927

■ 10.1132, 10.6256,
19.6071

■ 10.1132, 10.6256,
19.6071

■ 8.6929, 9.0160,
19.3715

■ 11.7698, 12.4424,
19.8707

■ 7.4960, 7.6039,
19.1620

■ 13.6727, 14.4731,
20.1623

■ 6.5097, 6.3806,
18.9778

■ 15.8325, 16.7255,
20.4832

■ 5.7194, 5.3361,
18.8179

■ 18.2590, 19.2066,
20.8343

■ 5.1084, 4.4592,
18.6808

■ 20.9612, 21.9231,
21.2162

■ 4.6249, 3.7203,
18.5637

■ 23.9480, 24.8815,
21.6298

■ 4.6097, 3.6974,
18.5601

■ 27.2276, 28.0879,
22.0758

■ 30.8081, 31.5482,
22.5550

■ 34.6970, 35.2682,
23.0681

Harmonies

Analogous

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



8.9897, 10.6256, 18.3907



10.1132, 10.6256, 19.6071



11.3226, 10.6256, 18.3366

Triad

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



10.1132, 10.6256, 19.6071



12.2465, 10.6256, 8.5155



8.2069, 10.6256, 8.5717

Complementary

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



10.1132, 10.6256, 19.6071



13.7418, 13.8538, 8.2536

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.



8.9675, 10.6256, 6.7133



10.1132, 10.6256, 19.6071



11.2967, 10.6256, 6.6857

Square

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



10.1132, 10.6256, 19.6071



12.6130, 10.6256, 11.5298



10.0854, 10.6256, 6.0974



7.9440, 10.6256, 11.6093

Rectangle

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



10.1132, 10.6256, 19.6071



12.0013, 10.6256, 16.3720



10.0854, 10.6256, 6.0974



8.4097, 10.6256, 7.8120

Sweetspot

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



10.1136, 10.6260, 19.6074



27.2878, 28.8497, 36.5232



11.9343, 16.0311, 14.7776



6.1518, 6.5055, 8.3381



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.



10.1136, 10.6260, 19.6074



15.6766, 16.2721, 34.7075



8.8947, 7.7238, 19.1114



3.9221, 4.1425, 5.0360



4.9292, 3.9409, 19.8862



22.7126, 17.1978, 94.5922

Inverse Universe

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



12.2438, 9.6208, 11.5679



20.1812, 14.5569, 17.6154



15.3764, 17.9379, 8.9557



4.0611, 4.0402, 4.5196



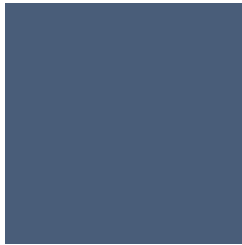
9.0714, 4.6047, 3.6668



42.8674, 21.8033, 15.3638

Previews

White Background



This preview shows how the XYZ color 10.1132, 10.6256, 19.6071 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 10.1132, 10.6256, 19.6071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

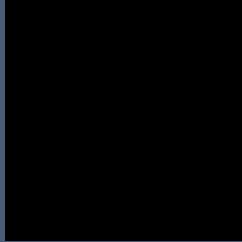
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

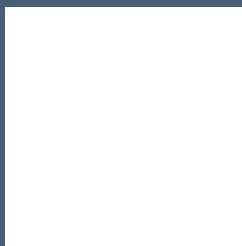
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1132, 10.6256, 19.6071

Background



This preview shows how black text looks on a background with the XYZ color 10.1132, 10.6256, 19.6071.

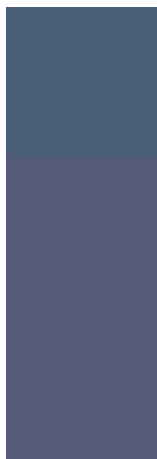


This preview shows how white text looks on a background with the XYZ color 10.1132, 10.6256,

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

10.1132, 10.6256, 19.6071

Protanopia

10.6421, 10.5291, 18.9242

Deuteranopia

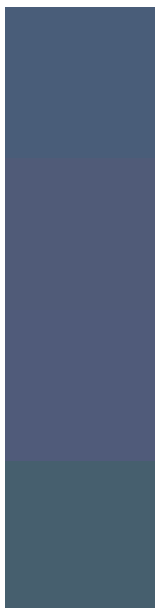
10.8252, 10.6023, 19.8883



Tritanopia

9.1358, 10.6304, 14.6671

Trichromacy



Original Color

10.1132, 10.6256, 19.6071

Protanomaly

10.4395, 10.5437, 19.2542

Deuteranomaly

10.5622, 10.5928, 19.9003

Tritanomaly

9.4325, 10.6123, 16.3031

Monochromacy



Original Color

10.1132, 10.6256, 19.6071

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.7462, 10.3066, 13.7876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1132, 10.6256, 19.6071 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(73, 93, 121)` looks like.

```
.text, #text, p{  
    color:rgb(73, 93, 121)  
}
```

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(73, 93, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 93, 121) }
```

Border

The CSS property to change the border of an element to XYZ 10.1132, 10.6256, 19.6071 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(73, 93, 121) }
```


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

```
.border{ border-color:rgb(73, 93, 121) }
```

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

Here you see how a box with a 4 pixel rgb(73, 93, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 93, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 93, 121);  
box-shadow:4px 4px 4px 4px rgb(73, 93,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1132, 10.6256, 19.6071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 93, 121) }
```

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

```
.background{ background-color: rgb(73, 93,  
121) }
```

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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