

Converting Colors

XYZ(10.6615, 13.6989, 20.1714)

Have a look what the booklet for
XYZ(10.6615, 13.6989, 20.1714)
contains.

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Color

**XYZ(10.6615, 13.6989,
20.1714)**

Conversions

Conversions Part 1

Format	Color
Hex	347079
RGB	52, 112, 121
RGB Percent	20%, 44%, 47%
CMY	0.7961, 0.5608, 0.5255
CMYK	0.57, 0.07, 0.00, 0.53
HSL	188°, 40%, 34%
HSV	188°, 57%, 47%
XYZ	10.6615, 13.6989, 20.1714
YIQ	95.0860, -38.6490, -9.9210

Conversions

Conversions Part 2

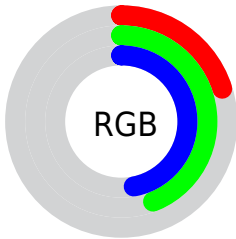
Format	Color
RYB	52, 84, 121
Decimal	3436665
CIELab	43.80, -16.61, -10.91
CIElCh	44, 19.877, 213.301
Yxy	13.6989, 0.2394, 0.3076
Android (android.graphics.Color)	4281626745 (0xFF347079)
YUV	95.0860, 12.7756, -37.7864
Hunter-Lab	37.0120, -13.3532, -6.4044




Details

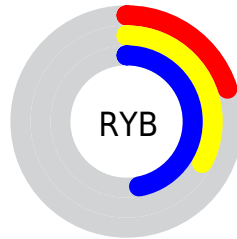
The XYZ color **10.6615, 13.6989, 20.1714** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.1739, 7.6505, 4.1895**, and the grayscale version is **10.8752, 11.4415, 12.4598**.




A 20% lighter version of the original color is **26.6440, 32.5713, 44.4178**, and **3.0031, 4.1347, 6.7707** is the 20% darker color. If you saturate the color by 10%, you get **9.9443, 13.0732, 20.0887**, and if you desaturate by 10%, it is **11.5423, 14.4140, 20.2633**.

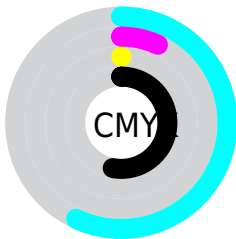
Distribution







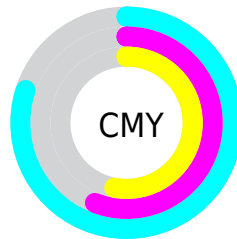
-  Red (20%)
-  Green (44%)
-  Blue (47%)






-  Red (20%)
-  Yellow (33%)
-  Blue (47%)



-  Cyan (57%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (80%)
-  Magenta (56%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6615, 13.6989, 20.1714 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 10.6615, 13.6989, 20.1714 by changing the saturation by 10% instead.

■ 10.6615, 13.6989,
20.1714

■ 10.6615, 13.6989,
20.1714

■ 189.2869,
215.3495, 265.4764

■ 5.9053, 7.9115,
12.3344

■ 26.6710, 32.5538,
44.5671

■ 2.8277, 4.0384,
6.8465

■ 38.6551, 46.3902,
61.9629

■ 1.0633, 1.6951,
3.2893

■ 53.7792, 63.6783,
83.3820

■ 0.0000, 0.4205,
1.2442

■ 72.4086, 84.8026,
109.2429

■ 0.0000, 0.0000,
0.0154

■ 94.9087, 110.1475,
139.9643

■ 0.0000, 0.0000,
0.0000

■ 121.6449,

140.0973, 175.9647

152.9825,
175.0366, 217.6625

■ 10.6615, 13.6989,
20.1714

■ 10.6615, 13.6989,
20.1714

■ 9.9443, 13.0732,
20.0887

■ 11.5423, 14.4140,
20.2633

■ 9.3769, 12.5290,
20.0135

■ 12.5966, 15.2229,
20.3638

■ 8.9455, 12.0594,
19.9456

■ 13.8350, 16.1312,
20.4739

■ 8.6184, 11.6480,
19.8835

■ 15.2669, 17.1439,
20.5939

■ 8.5253, 11.5285,
19.8653

■ 16.9010, 18.2654,
20.7242

■ 18.7455, 19.5000,
20.8653

■ 20.8081, 20.8518,
21.0175

■ 23.0962, 22.3244,
21.1812

■ 25.6167, 23.9216,
21.3566

Harmonies

Analogous

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



10.2387, 13.6989, 15.4181



10.6615, 13.6989, 20.1714



11.7133, 13.6989, 24.0267

Triad

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



10.6615, 13.6989, 20.1714



15.9012, 13.6989, 19.1374



12.8477, 13.6989, 7.8544

Complementary

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



10.6615, 13.6989, 20.1714



10.1739, 7.6505, 4.1895

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.



14.4213, 13.6989, 8.4598



10.6615, 13.6989, 20.1714



16.2652, 13.6989, 14.4245

Square

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



10.6615, 13.6989, 20.1714



14.7453, 13.6989, 23.3505



15.7038, 13.6989, 10.6629



11.4356, 13.6989, 8.8048

Rectangle

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



10.6615, 13.6989, 20.1714



12.6721, 13.6989, 25.2292



15.7038, 13.6989, 10.6629



13.3750, 13.6989, 7.8835

Sweetspot

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



10.6619, 13.6994, 20.1717



27.2288, 30.6232, 36.8687



9.0707, 14.7319, 6.6476



6.1314, 6.9360, 8.4223



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.



10.6619, 13.6994, 20.1717



17.5102, 23.1358, 35.9357



7.6241, 7.6238, 19.1591



4.0646, 4.4275, 5.0836



9.1303, 12.3430, 21.2865



43.1110, 57.9947, 101.3917

Inverse Universe

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



12.0381, 7.6911, 16.1799



20.3264, 11.6274, 27.5902



12.5571, 12.4168, 4.9839



4.1331, 4.0690, 4.8984



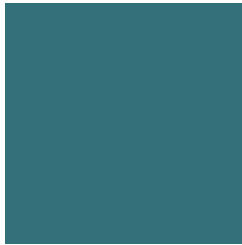
11.1919, 5.4529, 14.8332



53.1636, 25.9218, 69.5827

Previews

White Background



This preview shows how the XYZ color 10.6615, 13.6989, 20.1714 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 10.6615, 13.6989, 20.1714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

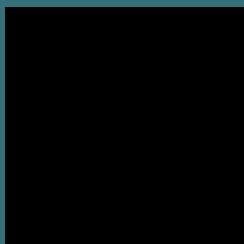
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6615, 13.6989, 20.1714

Background



This preview shows how black text looks on a background with the XYZ color 10.6615, 13.6989, 20.1714.



This preview shows how white text looks on a background with the XYZ color 10.6615, 13.6989,

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

10.6615, 13.6989, 20.1714

Protanopia

13.2127, 13.5072, 18.1304

Deuteranopia

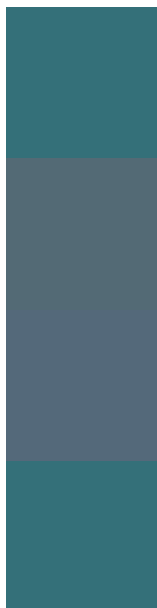
13.8224, 13.6210, 20.6395



Tritanopia

10.6615, 13.6989, 20.1714

Trichromacy



Original Color

10.6615, 13.6989, 20.1714

Protanomaly

11.9322, 13.4314, 18.7933

Deuteranomaly

12.2206, 13.3931, 20.3534

Tritanomaly

10.6615, 13.6989, 20.1714

Monochromacy



Original Color

10.6615, 13.6989, 20.1714

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.3768, 11.9691, 14.8601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6615, 13.6989, 20.1714 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(52, 112, 121)` looks like.

```
.text, #text, p{  
    color:rgb(52, 112, 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(52, 112, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 112, 121) }
```

Border

The CSS property to change the border of an element to XYZ 10.6615, 13.6989, 20.1714 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(52, 112, 121) }
```


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

```
.border{ border-color:rgb(52, 112, 121) }
```

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

Here you see how a box with a 4 pixel rgb(52, 112, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 112, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 112, 121);  
box-shadow:4px 4px 4px 4px rgb(52, 112,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6615, 13.6989, 20.1714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 112, 121) }
```

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

```
.background{ background-color: rgb(52, 112,  
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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