

Converting Colors

XYZ(10.6937, 11.8639, 17.3820)

Have a look what the booklet for
XYZ(10.6937, 11.8639, 17.3820)
contains.

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Color

**XYZ(10.7623, 11.9689,
17.3658)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6471
RGB	79, 100, 113
RGB Percent	31%, 39%, 44%
CMY	0.6902, 0.6078, 0.5569
CMYK	0.30, 0.12, 0.00, 0.56
HSL	203°, 18%, 38%
HSV	203°, 30%, 44%
XYZ	10.7623, 11.9689, 17.3658
YIQ	95.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

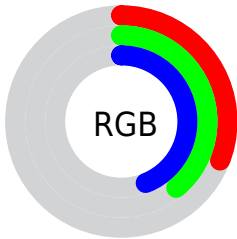
Format	Color
R_{YB}	79, 92, 113
Decimal	5203057
CIE Lab	41.17, -4.51, -9.90
CIE LCh	41, 10.879, 245.486
Yxy	11.9689, 0.2684, 0.2985
Android (android.graphics.Color)	4283393137 (0xFF4F6471)
YUV	95.2030, 8.7739, -14.2100
Hunter-Lab	34.5961, -5.0146, -5.5438

Details

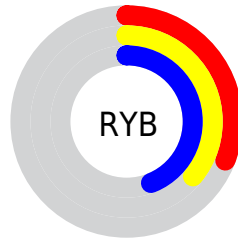
The XYZ color **10.7623, 11.9689, 17.3658** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0487, 11.7297, 9.0265**, and the grayscale version is **10.9087, 11.4768, 12.4982**.

A 20% lighter version of the original color is **26.9114, 29.5170, 39.8763**, and **2.8544, 3.2512, 5.4781** is the 20% darker color. If you saturate the color by 10%, you get **9.4977, 10.7183, 17.1913**, and if you desaturate by 10%, it is **12.2094, 13.3468, 17.5557**.

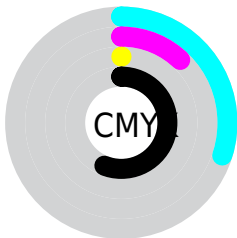
Distribution



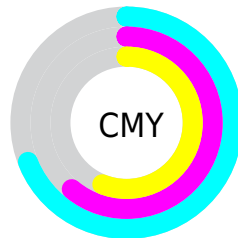
- Red (31%)
- Green (39%)
- Blue (44%)



- Red (31%)
- Yellow (36%)
- Blue (44%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (69%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7623, 11.9689, 17.3658 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 10.7623, 11.9689, 17.3658 by changing the saturation by 10% instead.

■ 10.7623, 11.9689,
17.3658

■ 10.7623, 11.9689,
17.3658

189.9716,
204.1993, 249.3866

■ 5.9733, 6.7225,
10.3309

■ 26.8566, 29.4385,
39.7529

■ 2.8694, 3.2892,
5.5105

■ 38.8927, 42.4304,
55.9422

■ 1.0851, 1.2845,
2.4858

■ 54.0752, 58.7730,
76.0200

■ 0.0126, 0.1292,
0.8326

■ 72.7695, 78.8506,
100.4050

■ 0.0000, 0.0000,
0.0000

■ 95.3410, 103.0476,
129.5156

122.1549,

131.7485, 163.7703

153.5766,
165.3376, 203.5878

■ 10.7623, 11.9689,
17.3658

■ 10.7623, 11.9689,
17.3658

■ 9.4977, 10.7183,
17.1913

■ 12.2094, 13.3468,
17.5557

■ 8.4062, 9.5888,
17.0308

■ 13.8458, 14.8551,
17.7606

■ 7.4789, 8.5755,
16.8841

■ 15.6792, 16.4985,
17.9812

■ 6.7058, 7.6729,
16.7506

■ 17.7165, 18.2812,
18.2179

■ 6.0757, 6.8745,
16.6297

■ 19.9643, 20.2069,
18.4711

■ 5.5755, 6.1731,
16.5207

■ 22.4290, 22.2793,
18.7412

■ 5.1582, 5.5473,
16.4219

■ 25.1165, 24.5021,
19.0286

■ 28.0327, 26.8785,
19.3336

■ 31.1830, 29.4120,
19.6566

Harmonies

Analogous

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



10.1928, 11.9689, 15.7010



10.7623, 11.9689, 17.3658



11.5207, 11.9689, 17.8167

Triad

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



10.7623, 11.9689, 17.3658



12.9428, 11.9689, 12.6239



10.5236, 11.9689, 9.8248

Complementary

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



10.7623, 11.9689, 17.3658



12.0487, 11.7297, 9.0265

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.



11.2326, 11.9689, 9.1913



10.7623, 11.9689, 17.3658



12.6476, 11.9689, 10.6842

Square

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



10.7623, 11.9689, 17.3658



12.8028, 11.9689, 14.9058



12.0128, 11.9689, 9.4870



10.0595, 11.9689, 11.3224

Rectangle

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



10.7623, 11.9689, 17.3658



12.0368, 11.9689, 17.3283



12.0128, 11.9689, 9.4870



10.7400, 11.9689, 9.5120

Sweetspot

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



10.7627, 11.9694, 17.3661



25.0571, 26.8400, 31.8355



11.0384, 14.2362, 12.1698



5.7118, 6.1317, 7.3522



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.7627, 11.9694, 17.3661



17.6808, 19.8690, 30.8787



9.3396, 9.1233, 16.8917



3.3730, 3.6113, 4.2735



5.8317, 6.2538, 18.6213



28.1982, 29.4482, 92.4770

Inverse Universe

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



11.9066, 10.0231, 13.3643



20.1222, 15.9557, 22.2841



13.6335, 14.8993, 9.5548



3.4629, 3.4329, 3.9646



8.9619, 4.4771, 6.8754



44.2131, 22.1306, 31.9840

Previews

White Background



This preview shows how the XYZ color 10.7623, 11.9689, 17.3658 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 10.7623, 11.9689, 17.3658 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

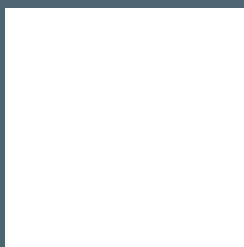
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.7623, 11.9689, 17.3658

Background



This preview shows how black text looks on a background with the XYZ color 10.7623, 11.9689, 17.3658.



This preview shows how white text looks on a background with the XYZ color 10.7623, 11.9689,

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

10.7623, 11.9689, 17.3658

Protanopia

11.6134, 11.8712, 16.4311

Deuteranopia

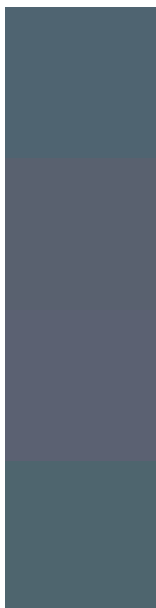
12.1665, 11.9960, 17.5938



Tritanopia

10.5559, 12.0312, 16.2339

Trichromacy



Original Color

10.7623, 11.9689, 17.3658

Protanomaly

11.2638, 11.8209, 16.7269

Deuteranomaly

11.6263, 11.9884, 17.6208

Tritanomaly

10.6100, 12.0529, 16.5191

Monochromacy



Original Color

10.7623, 11.9689, 17.3658

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.7928, 11.6325, 14.2468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7623, 11.9689, 17.3658 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(79, 100, 113)` looks like.

```
.text, #text, p{  
    color:rgb(79, 100, 113)  
}
```

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(79, 100, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 100, 113) }
```

Border

The CSS property to change the border of an element to XYZ 10.7623, 11.9689, 17.3658 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(79, 100, 113) }
```


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

```
.border{ border-color:rgb(79, 100, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 100, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 100, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 100, 113);  
box-shadow:4px 4px 4px 4px rgb(79, 100,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7623, 11.9689, 17.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 100, 113) }
```

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

```
.background{ background-color: rgb(79, 100,  
113) }
```

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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