

Converting Colors

XYZ(11.9377, 12.4742, 15.9733)

Have a look what the booklet for
XYZ(11.9377, 12.4742, 15.9733)
contains.

XYZ(11.8879, 12.4393, 15.9618)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.8879, 12.4393,
15.9618)**

Conversions

Conversions Part 1

Format	Color
Hex	5F636C
RGB	95, 99, 108
RGB Percent	37%, 39%, 42%
CMY	0.6274, 0.6118, 0.5765
CMYK	0.12, 0.08, 0.00, 0.58
HSL	222°, 6%, 40%
HSV	222°, 12%, 42%
XYZ	11.8879, 12.4393, 15.9618
YIQ	98.8300, -5.2730, 1.9510

Conversions

Conversions Part 2

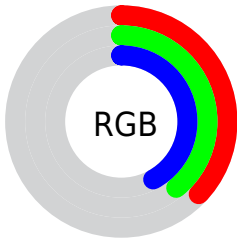
Format	Color
R_{YB}	95, 98, 108
Decimal	6251372
CIE Lab	41.91, 0.45, -5.62
CIE LCh	42, 5.636, 274.626
Yxy	12.4393, 0.2951, 0.3088
Android (android.graphics.Color)	4284441452 (0xFF5F636C)
YUV	98.8300, 4.5208, -3.3589
Hunter-Lab	35.2694, -1.5562, -2.1442

Details

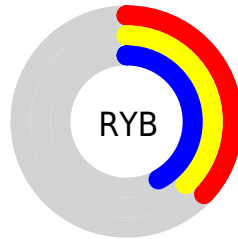
The XYZ color **11.8879, 12.4393, 15.9618** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2002, 13.9148, 12.8167**, and the grayscale version is **11.8072, 12.4221, 13.5276**.

A 20% lighter version of the original color is **28.8414, 30.3356, 37.1361**, and **3.3820, 3.5361, 4.9192** is the 20% darker color. If you saturate the color by 10%, you get **10.1673, 10.5494, 15.6879**, and if you desaturate by 10%, it is **13.8304, 14.5415, 16.2654**.

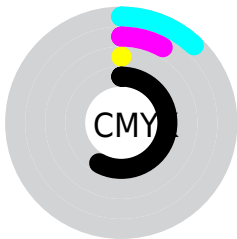
Distribution



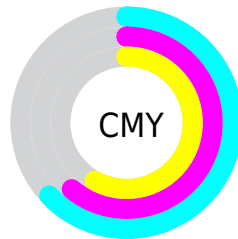
- Red (37%)
- Green (39%)
- Blue (42%)



- Red (37%)
- Yellow (38%)
- Blue (42%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8879, 12.4393, 15.9618 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 11.8879, 12.4393, 15.9618 by changing the saturation by 10% instead.

■ 11.8879, 12.4393,
15.9618

■ 11.8879, 12.4393,
15.9618

197.4468,
207.2923, 240.9542

■ 6.7390, 7.0436,
9.3431

■ 28.9094, 30.2927,
37.2977

■ 3.3443, 3.4894,
4.8658

■ 41.5128, 43.5192,
52.8520

■ 1.3384, 1.3922,
2.1114

■ 57.3317, 60.1248,
72.2219

■ 0.2116, 0.2110,
0.6225

■ 76.7315, 80.4938,
95.8259

■ 0.0000, 0.0000,
0.0000

100.0775,
105.0107, 124.0826

127.7352,

134.0598, 157.4106

160.0699,
168.0255, 196.2282

■ 11.8879, 12.4393,
15.9618

■ 11.8879, 12.4393,
15.9618

■ 10.1673, 10.5494,
15.6879

■ 13.8304, 14.5415,
16.2654

■ 8.6593, 8.8636,
15.4420

■ 16.0014, 16.8611,
16.5987

■ 7.3556, 7.3751,
15.2234

■ 18.4086, 19.4047,
16.9628

■ 6.2471, 6.0762,
15.0311

■ 21.0589, 22.1783,
17.3585

■ 5.3236, 4.9589,
14.8641

■ 23.9590, 25.1877,
17.7865

■ 4.5743, 4.0142,
14.7212

■ 27.1155, 28.4383,
18.2475

■ 3.9868, 3.2324,
14.6013

■ 30.5344, 31.9354,
18.7423

■ 3.5466, 2.6024,
14.5029

■ 34.2217, 35.6843,
19.2716

■ 3.2576, 2.1842,
14.4374

■ 38.1832, 39.6899,
19.8360

Harmonies

Analogous

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



11.4833, 12.4393, 15.7244



11.8879, 12.4393, 15.9618



12.2842, 12.4393, 15.5209

Triad

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



11.8879, 12.4393, 15.9618



12.4946, 12.4393, 12.2822



11.1141, 12.4393, 12.5849

Complementary

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



11.8879, 12.4393, 15.9618



13.2002, 13.9148, 12.8167

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.



11.3739, 12.4393, 11.7430



11.8879, 12.4393, 15.9618



12.1697, 12.4393, 11.5756

Square

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



11.8879, 12.4393, 15.9618



12.6396, 12.4393, 13.3601



11.7587, 12.4393, 11.3841



11.0427, 12.4393, 13.7301

Rectangle

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



11.8879, 12.4393, 15.9618



12.4884, 12.4393, 14.9161



11.7587, 12.4393, 11.3841



11.1820, 12.4393, 12.2592

Sweetspot

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



11.8883, 12.4398, 15.9621



23.5419, 24.7338, 28.4410



12.5748, 14.1553, 15.1353



5.6460, 5.9304, 6.8759



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.8883, 12.4398, 15.9621



20.1289, 21.0290, 27.9058



11.7698, 11.8298, 15.8506



3.0174, 3.1631, 3.8864



3.8628, 2.5599, 17.2128



18.9915, 11.6616, 87.4762

Inverse Universe

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



12.5289, 12.2736, 13.5137



21.4567, 20.7020, 22.8275



13.3267, 14.5923, 12.9408



3.1346, 3.1307, 3.4390



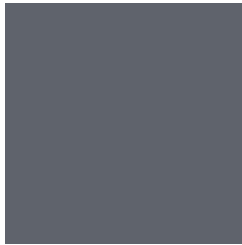
7.6966, 3.9308, 2.0310



38.8688, 19.8895, 8.5120

Previews

White Background



This preview shows how the XYZ color 11.8879, 12.4393, 15.9618 looks on a white background.

Color Contrast Check

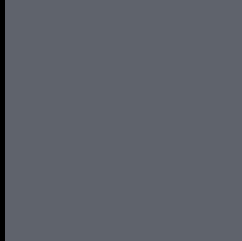
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8879, 12.4393, 15.9618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

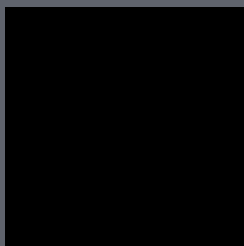
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

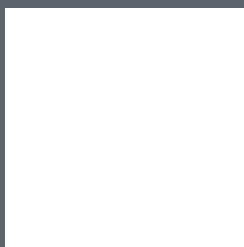
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8879, 12.4393, 15.9618

Background



This preview shows how black text looks on a background with the XYZ color 11.8879, 12.4393, 15.9618.



This preview shows how white text looks on a background with the XYZ color 11.8879, 12.4393,

15.9618.

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

11.8879, 12.4393, 15.9618

Protanopia

12.0585, 12.3936, 15.6666

Deuteranopia

12.6521, 12.4129, 16.1971



Tritanopia

11.8350, 12.4181, 15.6831

Trichromacy



Original Color

11.8879, 12.4393, 15.9618

Protanomaly

11.9513, 12.3383, 15.6615

Deuteranomaly

12.4018, 12.4202, 16.2117

Tritanomaly

11.8350, 12.4181, 15.6831

Monochromacy



Original Color

11.8879, 12.4393, 15.9618

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.8971, 12.4797, 14.3521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8879, 12.4393, 15.9618 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(95, 99, 108) looks like.

```
.text, #text, p{  
    color:rgb(95, 99, 108)  
}
```

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(95, 99, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 99, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.8879, 12.4393, 15.9618 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(95, 99, 108) }
```


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

```
.border{ border-color:rgb(95, 99, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 99, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 99, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 99, 108);  
box-shadow:4px 4px 4px 4px rgb(95, 99,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8879, 12.4393, 15.9618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 99, 108) }
```

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

```
.background{ background-color: rgb(95, 99,  
108) }
```

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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