

Converting Colors

XYZ(11.7844, 12.5863, 15.7458)

Have a look what the booklet for
XYZ(11.7844, 12.5863, 15.7458)
contains.

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Color

**XYZ(11.7252, 12.5030,
15.7053)**

Conversions

Conversions Part 1

Format	Color
Hex	5D646B
RGB	93, 100, 107
RGB Percent	36%, 39%, 42%
CMY	0.6353, 0.6078, 0.5804
CMYK	0.13, 0.07, 0.00, 0.58
HSL	210°, 7%, 39%
HSV	210°, 13%, 42%
XYZ	11.7252, 12.5030, 15.7053
YIQ	98.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

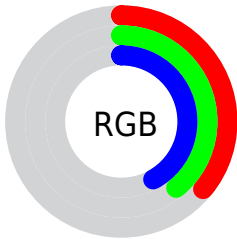
Format	Color
R_{YB}	93, 98, 107
Decimal	6120555
CIE Lab	42.00, -1.12, -4.88
CIE LCh	42, 5.006, 257.110
Yxy	12.5030, 0.2936, 0.3131
Android (android.graphics.Color)	4284310635 (0xFF5D646B)
YUV	98.7050, 4.0894, -5.0033
Hunter-Lab	35.3596, -2.6889, -1.5825

Details

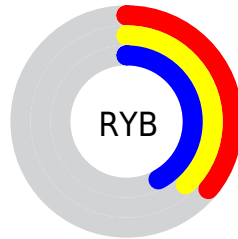
The XYZ color **11.7252, 12.5030, 15.7053** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5965, 13.0305, 12.2074**, and the grayscale version is **11.7770, 12.3904, 13.4931**.

A 20% lighter version of the original color is **28.5659, 30.4415, 36.7180**, and **3.2610, 3.4768, 4.7742** is the 20% darker color. If you saturate the color by 10%, you get **10.2208, 10.9910, 15.4929**, and if you desaturate by 10%, it is **13.4156, 14.1616, 15.9365**.

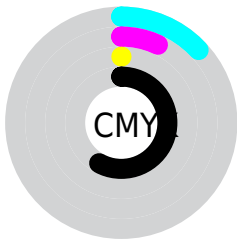
Distribution



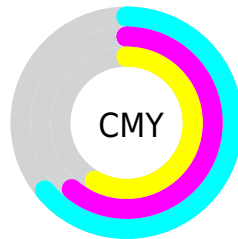
- Red (36%)
- Green (39%)
- Blue (42%)



- Red (36%)
- Yellow (38%)
- Blue (42%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7252, 12.5030, 15.7053 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 11.7252, 12.5030, 15.7053 by changing the saturation by 10% instead.

■ 11.7252, 12.5030,
15.7053

■ 11.7252, 12.5030,
15.7053

196.3848,
207.7074, 239.3825

■ 6.6277, 7.0872,
9.1638

■ 28.6148, 30.4080,
36.8455

■ 3.2746, 3.5167,
4.7499

■ 41.1377, 43.6659,
52.2812

■ 1.3006, 1.4071,
2.0451

■ 56.8664, 60.3068,
71.5187

■ 0.1837, 0.2219,
0.5828

■ 76.1663, 80.7148,
94.9766

■ 0.0000, 0.0000,
0.0000

99.4027, 105.2745,
123.0734

126.9410,

134.3703, 156.2276

159.1466,
168.3864, 194.8578

■ 11.7252, 12.5030,
15.7053

■ 11.7252, 12.5030,
15.7053

■ 10.2208, 10.9910,
15.4929

■ 13.4156, 14.1616,
15.9365

■ 8.8944, 9.6194,
15.2981

■ 15.2974, 15.9695,
16.1863

■ 7.7391, 8.3842,
15.1206

■ 17.3772, 17.9313,
16.4554

■ 6.7468, 7.2800,
14.9598

■ 19.6609, 20.0510,
16.7441

■ 5.9091, 6.3016,
14.8151

■ 22.1541, 22.3322,
17.0531

■ 5.2165, 5.4429,
14.6858

■ 24.8623, 24.7787,
17.3825

■ 4.6584, 4.6974,
14.5713

■ 27.7906, 27.3939,
17.7330

■ 4.2200, 4.0563,
14.4707

■ 30.9441, 30.1813,
18.1048

■ 3.9504, 3.6545,
14.4073

■ 34.3276, 33.1440,
18.4983

Harmonies

Analogous

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



11.4045, 12.5030, 15.1671



11.7252, 12.5030, 15.7053



12.0950, 12.5030, 15.6625

Triad

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



11.7252, 12.5030, 15.7053



12.5791, 12.5030, 13.0210



11.3684, 12.5030, 12.2691

Complementary

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



11.7252, 12.5030, 15.7053



12.5965, 13.0305, 12.2074

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.



11.6749, 12.5030, 11.7518



11.7252, 12.5030, 15.7053



12.3762, 12.5030, 12.1701

Square

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



11.7252, 12.5030, 15.7053



12.5932, 12.5030, 14.0748



12.0437, 12.5030, 11.7165



11.2014, 12.5030, 13.1627

Rectangle

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



11.7252, 12.5030, 15.7053



12.3196, 12.5030, 15.3099



12.0437, 12.5030, 11.7165



11.4582, 12.5030, 12.0475

Sweetspot

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



11.7256, 12.5035, 15.7056



23.6951, 25.0402, 28.4921



12.0611, 13.7584, 14.0176



5.6884, 6.0153, 6.8900



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.



11.7256, 12.5035, 15.7056



20.0520, 21.4480, 27.9907



11.1031, 11.2587, 15.4981



3.0618, 3.2518, 3.9012



4.7751, 4.3846, 17.5169



23.4623, 20.6032, 88.9664

Inverse Universe

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



12.2783, 11.8749, 13.7021



21.2781, 20.0952, 23.5373



13.2728, 14.3832, 12.4328



3.1570, 3.1397, 3.5569



8.1571, 4.1150, 4.4560



41.1255, 20.7921, 20.3954

Previews

White Background



This preview shows how the XYZ color 11.7252, 12.5030, 15.7053 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 11.7252, 12.5030, 15.7053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

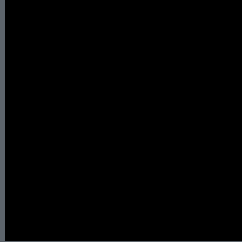
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

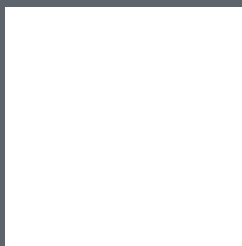
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7252, 12.5030, 15.7053

Background



This preview shows how black text looks on a background with the XYZ color 11.7252, 12.5030, 15.7053.



This preview shows how white text looks on a background with the XYZ color 11.7252, 12.5030,

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

11.7252, 12.5030, 15.7053

Protanopia

12.1148, 12.4286, 15.3961

Deuteranopia

12.7153, 12.4517, 15.9206



Tritanopia

11.7781, 12.5242, 15.9840

Trichromacy



Original Color

11.7252, 12.5030, 15.7053

Protanomaly

11.9931, 12.5057, 15.4174

Deuteranomaly

12.3483, 12.3988, 15.9297

Tritanomaly

11.7781, 12.5242, 15.9840

Monochromacy



Original Color

11.7252, 12.5030, 15.7053

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.7899, 12.4244, 14.3471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7252, 12.5030, 15.7053 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(93, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(93, 100, 107)  
}
```

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(93, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 100, 107) }
```

Border

The CSS property to change the border of an element to XYZ 11.7252, 12.5030, 15.7053 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(93, 100, 107) }
```


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

```
.border{ border-color:rgb(93, 100, 107) }
```

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

Here you see how a box with a 4 pixel rgb(93, 100, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(93, 100,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7252, 12.5030, 15.7053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 100, 107) }
```

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

```
.background{ background-color: rgb(93, 100,  
107) }
```

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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