

Converting Colors

XYZ(11.6662, 12.2308, 15.9551)

Have a look what the booklet for
XYZ(11.6662, 12.2308, 15.9551)
contains.

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Color

**XYZ(11.5887, 12.1452,
15.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	5D626C
RGB	93, 98, 108
RGB Percent	36%, 38%, 42%
CMY	0.6353, 0.6157, 0.5765
CMYK	0.14, 0.09, 0.00, 0.58
HSL	220°, 7%, 39%
HSV	220°, 14%, 42%
XYZ	11.5887, 12.1452, 15.9208
YIQ	97.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

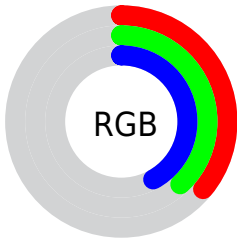
Format	Color
RYB	93, 97, 108
Decimal	6120044
CIELab	41.45, 0.32, -6.32
CIElCh	41, 6.329, 272.914
Yxy	12.1452, 0.2922, 0.3063
Android (android.graphics.Color)	4284310124 (0xFF5D626C)
YUV	97.6450, 5.1050, -4.0737
Hunter-Lab	34.8500, -1.6306, -2.6910

Details

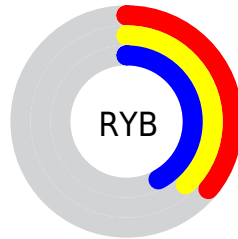
The XYZ color **11.5887, 12.1452, 15.9208** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0106, 13.6791, 12.3110**, and the grayscale version is **11.5105, 12.1099, 13.1877**.

A 20% lighter version of the original color is **28.3331, 29.8377, 37.0668**, and **3.2426, 3.3972, 4.8997** is the 20% darker color. If you saturate the color by 10%, you get **9.9283, 10.3340, 15.6589**, and if you desaturate by 10%, it is **13.4649, 14.1582, 16.2107**.

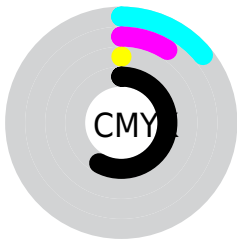
Distribution



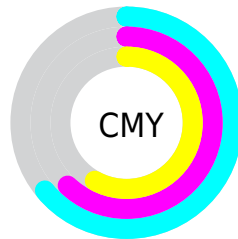
- Red (36%)
- Green (38%)
- Blue (42%)



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



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5887, 12.1452, 15.9208 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 11.5887, 12.1452, 15.9208 by changing the saturation by 10% instead.

■ 11.5887, 12.1452,
15.9208

■ 11.5887, 12.1452,
15.9208

195.4891,
205.3642, 240.7037

■ 6.5345, 6.8426,
9.3144

■ 28.3672, 29.7593,
37.2255

■ 3.2164, 3.3639,
4.8472

■ 40.8221, 42.8396,
52.7609

■ 1.2692, 1.3245,
2.1007

■ 56.4747, 59.2813,
72.1097

■ 0.1600, 0.1601,
0.6162

■ 75.6902, 79.4688,
95.6905

■ 0.0000, 0.0000,
0.0000

98.8340, 103.7864,
123.9217

126.2716,

132.6186, 157.2219

158.3681,
166.3497, 196.0097

■ 11.5887, 12.1452,
15.9208

■ 11.5887, 12.1452,
15.9208

■ 9.9283, 10.3340,
15.6589

■ 13.4649, 14.1582,
16.2107

■ 8.4745, 8.7167,
15.4234

■ 15.5634, 16.3777,
16.5285

■ 7.2191, 7.2868,
15.2135

■ 17.8916, 18.8102,
16.8753

■ 6.1531, 6.0371,
15.0285

■ 20.4567, 21.4612,
17.2518

■ 5.2664, 4.9597,
14.8673

■ 23.2650, 24.3362,
17.6587

■ 4.5481, 4.0462,
14.7288

■ 26.3229, 27.4406,
18.0967

■ 3.9861, 3.2873,
14.6119

■ 29.6365, 30.7792,
18.5665

■ 3.5619, 2.6703,
14.5152

■ 33.2117, 34.3571,
19.0687

■ 3.3378, 2.3447,
14.4642

■ 37.0541, 38.1790,
19.6038

Harmonies

Analogous

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



11.1453, 12.1452, 15.6119



11.5887, 12.1452, 15.9208



12.0313, 12.1452, 15.4684

Triad

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



11.5887, 12.1452, 15.9208



12.3028, 12.1452, 11.8939



10.7734, 12.1452, 12.1030

Complementary

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



11.5887, 12.1452, 15.9208



13.0106, 13.6791, 12.3110

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.



11.0693, 12.1452, 11.2081



11.5887, 12.1452, 15.9208



11.9514, 12.1452, 11.0930

Square

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



11.5887, 12.1452, 15.9208



12.4504, 12.1452, 13.0956



11.4987, 12.1452, 10.8504



10.6820, 12.1452, 13.3533

Rectangle

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



11.5887, 12.1452, 15.9208



12.2643, 12.1452, 14.8124



11.4987, 12.1452, 10.8504



10.8518, 12.1452, 11.7535

Sweetspot

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



11.5891, 12.1457, 15.9211



23.5621, 24.7743, 28.4478



12.3127, 14.0268, 14.8250



5.6516, 5.9416, 6.8777



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.



11.5891, 12.1457, 15.9211



19.2612, 20.1465, 27.7812



11.3668, 11.3581, 15.7808



3.0232, 3.1748, 3.8883



3.9575, 2.7493, 17.2443



19.4387, 12.5560, 87.6252

Inverse Universe

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



12.3036, 11.8991, 13.2040



20.8105, 19.6464, 21.8823



13.2528, 14.5645, 12.4691



3.1375, 3.1319, 3.4545



7.7444, 3.9499, 2.2827



39.0946, 19.9798, 9.7007

Previews

White Background



This preview shows how the XYZ color 11.5887, 12.1452, 15.9208 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 11.5887, 12.1452, 15.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

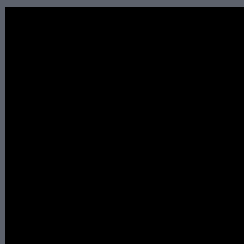
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

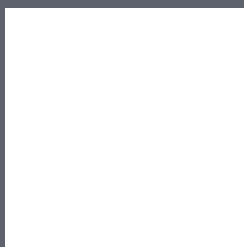
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5887, 12.1452, 15.9208

Background



This preview shows how black text looks on a background with the XYZ color 11.5887, 12.1452, 15.9208.

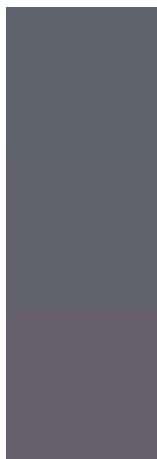


This preview shows how white text looks on a background with the XYZ color 11.5887, 12.1452,

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

11.5887, 12.1452, 15.9208

Protanopia

11.8583, 12.1523, 15.6305

Deuteranopia

12.3320, 12.1133, 16.1561



Tritanopia

11.4834, 12.1031, 15.3666

Trichromacy



Original Color

11.5887, 12.1452, 15.9208

Protanomaly

11.7524, 12.0977, 15.6256

Deuteranomaly

12.0888, 12.1225, 16.1707

Tritanomaly

11.5357, 12.1241, 15.6421

Monochromacy



Original Color

11.5887, 12.1452, 15.9208

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5898, 12.1815, 14.3108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5887, 12.1452, 15.9208 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, 98, 108) looks like.

```
.text, #text, p{  
    color:rgb(93, 98, 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(93, 98, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 98, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.5887, 12.1452, 15.9208 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, 98, 108) }
```


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

```
.border{ border-color:rgb(93, 98, 108) }
```

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

Here you see how a box with a 4 pixel rgb(93, 98, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 98, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 98, 108);  
box-shadow:4px 4px 4px 4px rgb(93, 98,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5887, 12.1452, 15.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 98, 108) }
```

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

```
.background{ background-color: rgb(93, 98,  
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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