

Converting Colors

XYZ(11.1842, 12.6066, 10.8186)

Have a look what the booklet for
XYZ(11.1842, 12.6066, 10.8186)
contains.

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Color

**XYZ(11.1910, 12.6238,
10.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6657
RGB	95, 102, 87
RGB Percent	37%, 40%, 34%
CMY	0.6274, 0.6000, 0.6588
CMYK	0.07, 0.00, 0.15, 0.60
HSL	88°, 8%, 37%
HSV	88°, 15%, 40%
XYZ	11.1910, 12.6238, 10.8636
YIQ	98.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

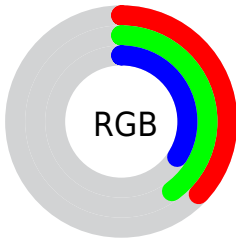
Format	Color
R_{YB}	87, 102, 94
Decimal	6252119
CIE _{Lab}	42.19, -5.76, 7.57
CIE _{LCh}	42, 9.509, 127.268
Yxy	12.6238, 0.3227, 0.3640
Android (android.graphics.Color)	4284442199 (0xFF5F6657)
YUV	98.1970, -5.5201, -2.8038
Hunter-Lab	35.5300, -5.9547, 6.7426

Details

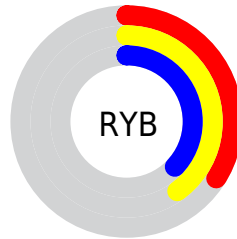
The XYZ color **11.1910, 12.6238, 10.8636** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.4231, 10.1557, 13.9820**, and the grayscale version is **11.6720, 12.2799, 13.3728**.

A 20% lighter version of the original color is **27.5836, 30.6084, 28.1211**, and **3.0507, 3.5525, 2.7154** is the 20% darker color. If you saturate the color by 10%, you get **10.3239, 12.2220, 8.7992**, and if you desaturate by 10%, it is **12.1479, 13.0659, 13.2402**.

Distribution



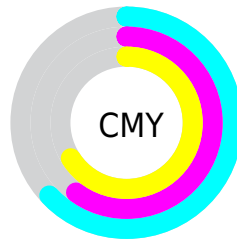
- Red (37%)
- Green (40%)
- Blue (34%)



- Red (34%)
- Yellow (40%)
- Blue (37%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (63%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1910, 12.6238, 10.8636 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 11.1910, 12.6238, 10.8636 by changing the saturation by 10% instead.

■ 11.1910, 12.6238,
10.8636

■ 11.1910, 12.6238,
10.8636

192.8546,
208.4924, 207.4331

■ 6.2637, 7.1700,
5.8622

■ 27.6427, 30.6262,
28.0404

■ 3.0483, 3.5687,
2.6940

■ 39.8977, 43.9437,
41.0530

■ 1.1793, 1.4353,
0.9404

■ 55.3261, 60.6512,
57.5729

■ 0.0900, 0.2425,
0.0000

■ 74.2930, 81.1330,
78.0188

■ 0.0000, 0.0000,
0.0000

■ 97.1640, 105.7737,
102.8093

124.3044,

134.9575, 132.3628

156.0795,
169.0690, 167.0979

■ 11.1910, 12.6238,
10.8636

■ 11.1910, 12.6238,
10.8636

■ 10.3239, 12.2220,
8.7992

■ 12.1479, 13.0659,
13.2402

■ 9.5427, 11.8575,
7.0333

■ 13.1964, 13.5477,
15.9403

■ 8.8444, 11.5296,
5.5521

■ 14.3397, 14.0711,
18.9759

■ 8.2258, 11.2368,
4.3408

■ 15.5801, 14.6370,
22.3578

■ 7.6830, 10.9777,
3.3830

■ 16.9204, 15.2465,
26.0966

■ 7.2120, 10.7504,
2.6605

■ 18.3627, 15.9007,
30.2024

■ 6.8084, 10.5531,
2.1528

■ 19.9094, 16.6005,
34.6846

■ 6.4636, 10.3824,
1.8184

■ 21.5628, 17.3468,
39.5528

■ 6.2941, 10.2985,
1.6561

■ 23.3249, 18.1405,
44.8157

Harmonies

Analogous

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



11.8267, 12.6238, 10.2213



11.1910, 12.6238, 10.8636



10.7834, 12.6238, 12.2896

Triad

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



11.1910, 12.6238, 10.8636



11.4789, 12.6238, 17.6742



13.4038, 12.6238, 13.2566

Complementary

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



11.1910, 12.6238, 10.8636



10.4231, 10.1557, 13.9820

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.



13.3017, 12.6238, 15.3114



11.1910, 12.6238, 10.8636



12.1720, 12.6238, 17.9980

Square

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



11.1910, 12.6238, 10.8636



10.9450, 12.6238, 16.2503



12.8440, 12.6238, 17.0959



13.1177, 12.6238, 11.5117

Rectangle

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



11.1910, 12.6238, 10.8636



10.6864, 12.6238, 13.5597



12.8440, 12.6238, 17.0959



13.4139, 12.6238, 13.9323

Sweetspot

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



11.1913, 12.6243, 10.8639



21.4080, 22.9614, 23.4836



11.2030, 11.5188, 10.6499



5.0262, 5.4057, 5.4789



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.1913, 12.6243, 10.8639



19.0285, 21.8623, 17.6094



10.4494, 12.2419, 10.8292



2.9233, 3.2077, 3.0395



8.0384, 13.2027, 2.1247



40.9069, 68.3343, 11.0338

Inverse Universe

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



10.4231, 10.1557, 13.9820



17.3742, 16.5466, 24.3238



11.2300, 10.5717, 14.0198



2.8028, 2.8204, 3.5286



4.5780, 2.0042, 16.2899



22.8839, 9.9413, 84.9142

Previews

White Background



This preview shows how the XYZ color 11.1910, 12.6238, 10.8636 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 11.1910, 12.6238, 10.8636 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

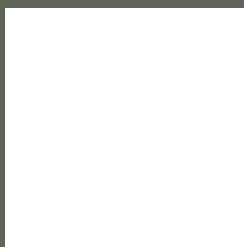
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1910, 12.6238, 10.8636

Background



This preview shows how black text looks on a background with the XYZ color 11.1910, 12.6238, 10.8636.



This preview shows how white text looks on a background with the XYZ color 11.1910, 12.6238,

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

11.1910, 12.6238, 10.8636

Protanopia

11.8505, 12.5386, 10.5997

Deuteranopia

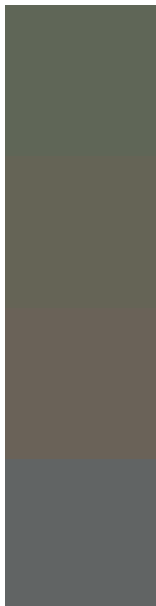
12.7544, 12.5810, 10.9887



Tritanopia

12.1527, 12.5819, 15.6979

Trichromacy



Original Color

11.1910, 12.6238, 10.8636

Protanomaly

11.6037, 12.5529, 10.6155

Deuteranomaly

12.0730, 12.5041, 11.0097

Tritanomaly

11.7872, 12.5758, 13.8627

Monochromacy



Original Color

11.1910, 12.6238, 10.8636

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4120, 12.2732, 12.3572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1910, 12.6238, 10.8636 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, 102, 87) looks like.

```
.text, #text, p{  
    color:rgb(95, 102, 87)  
}
```

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, 102, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 102, 87) }
```

Border

The CSS property to change the border of an element to XYZ 11.1910, 12.6238, 10.8636 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, 102, 87) }
```


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

```
.border{ border-color:rgb(95, 102, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 102, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 102, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 102, 87);  
box-shadow:4px 4px 4px 4px rgb(95, 102,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1910, 12.6238, 10.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 102, 87) }
```

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

```
.background{ background-color: rgb(95, 102,  
87) }
```

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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