

Converting Colors

XYZ(11.5653, 12.9963, 12.1647)

Have a look what the booklet for
XYZ(11.5653, 12.9963, 12.1647)
contains.

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Color

**XYZ(11.5453, 12.9237,
12.2419)**

Conversions

Conversions Part 1

Format	Color
Hex	5F675D
RGB	95, 103, 93
RGB Percent	37%, 40%, 36%
CMY	0.6275, 0.5961, 0.6353
CMYK	0.08, 0.00, 0.10, 0.60
HSL	108°, 5%, 38%
HSV	108°, 10%, 40%
XYZ	11.5453, 12.9237, 12.2419
YIQ	99.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

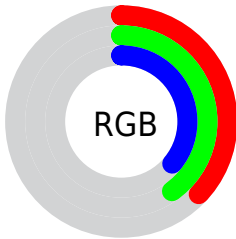
Format	Color
R_{YB}	93, 103, 101
Decimal	6252381
CIE _{Lab}	42.65, -5.17, 4.59
CIE _{LCh}	43, 6.912, 138.411
Yxy	12.9237, 0.3145, 0.3520
Android (android.graphics.Color)	4284442461 (0xFF5F675D)
YUV	99.4680, -3.1887, -3.9184
Hunter-Lab	35.9495, -5.5859, 4.9747

Details

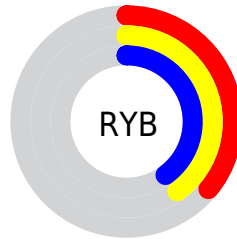
The XYZ color **11.5453, 12.9237, 12.2419** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7299, 11.5750, 14.4486**, and the grayscale version is **11.9863, 12.6105, 13.7328**.

A 20% lighter version of the original color is **28.1906, 31.1141, 30.5064**, and **3.1939, 3.6866, 3.2326** is the 20% darker color. If you saturate the color by 10%, you get **10.3083, 12.3356, 9.9608**, and if you desaturate by 10%, it is **12.9351, 13.5842, 14.8516**.

Distribution



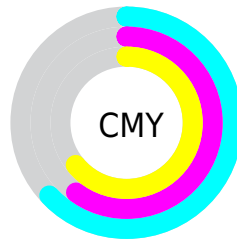
- Red (37%)
- Green (40%)
- Blue (36%)



- Red (36%)
- Yellow (40%)
- Blue (40%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (60%)



- Cyan (63%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5453, 12.9237, 12.2419 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 11.5453, 12.9237, 12.2419 by changing the saturation by 10% instead.

■ 11.5453, 12.9237,
12.2419

■ 11.5453, 12.9237,
12.2419

195.2034,
210.4281, 217.0347

■ 6.5049, 7.3760,
6.7841

■ 28.2883, 31.1666,
30.6059

■ 3.1980, 3.6984,
3.2511

■ 40.7216, 44.6307,
44.3491

■ 1.2593, 1.5063,
1.2242

■ 56.3498, 61.5023,
61.6913

■ 0.1524, 0.2932,
0.0000

■ 75.5384, 82.1660,
83.0509

■ 0.0000, 0.0000,
0.0000

98.6527, 107.0059,
108.8465

126.0581,

136.4067, 139.4967

158.1199,
170.7526, 175.4199

■ 11.5453, 12.9237,
12.2419

■ 11.5453, 12.9237,
12.2419

■ 10.3083, 12.3356,
9.9608

■ 12.9351, 13.5842,
14.8516

■ 9.2178, 11.8158,
7.9944

■ 14.4815, 14.3178,
17.8012

■ 8.2686, 11.3623,
6.3292

■ 16.1898, 15.1271,
21.1026

■ 7.4547, 10.9724,
4.9502

■ 18.0644, 16.0143,
24.7671

■ 6.7698, 10.6432,
3.8413

■ 20.1098, 16.9815,
28.8050

■ 6.2072, 10.3715,
2.9849

■ 22.3301, 18.0306,
33.2267

■ 5.7591, 10.1539,
2.3609

■ 24.7294, 19.1634,
38.0418

■ 5.4173, 9.9865,
1.9466

■ 27.3117, 20.3817,
43.2597

■ 5.1578, 9.8593,
1.6397

■ 30.0806, 21.6874,
48.8897

Harmonies

Analogous

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



11.9681, 12.9237, 11.5075



11.5453, 12.9237, 12.2419



11.3228, 12.9237, 13.5000

Triad

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



11.5453, 12.9237, 12.2419



12.0823, 12.9237, 17.0920



13.2646, 12.9237, 13.1799

Complementary

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



11.5453, 12.9237, 12.2419



11.7299, 11.5750, 14.4486

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.



13.2973, 12.9237, 14.6594



11.5453, 12.9237, 12.2419



12.6046, 12.9237, 16.9910

Square

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



11.5453, 12.9237, 12.2419



11.6268, 12.9237, 16.3422



13.0527, 12.9237, 16.0753



12.9646, 12.9237, 12.0219

Rectangle

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



11.5453, 12.9237, 12.2419



11.3136, 12.9237, 14.4981



13.0527, 12.9237, 16.0753



13.3075, 12.9237, 13.6538

Sweetspot

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



11.5457, 12.9243, 12.2422



22.2892, 23.9091, 24.9468



12.2235, 12.9818, 12.2176



5.3957, 5.8131, 6.0068



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.5457, 12.9243, 12.2422



20.0613, 22.8504, 20.7846



11.4762, 12.8728, 12.9465



2.8436, 3.1665, 3.0358



6.4542, 12.3860, 2.0506



33.0658, 64.2920, 10.6669

Inverse Universe

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



11.7299, 11.5750, 14.4486



20.4738, 19.8291, 25.7254



11.8086, 11.6327, 13.6801



2.8851, 2.8628, 3.5325



7.4748, 3.4976, 16.4255



38.2669, 17.8716, 85.6341

Previews

White Background



This preview shows how the XYZ color 11.5453, 12.9237, 12.2419 looks on a white background.

Color Contrast Check

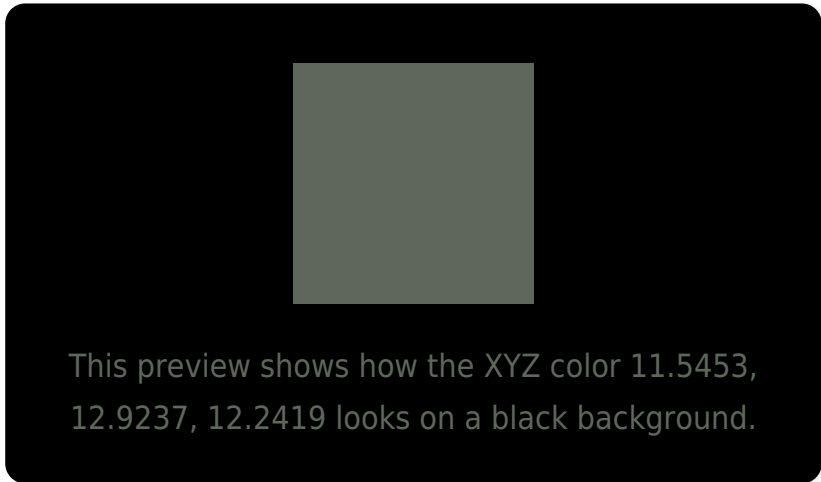
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

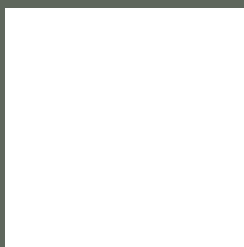
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5453, 12.9237, 12.2419

Background



This preview shows how black text looks on a background with the XYZ color 11.5453, 12.9237, 12.2419.

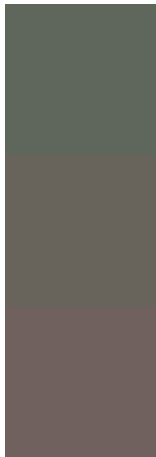


This preview shows how white text looks on a background with the XYZ color 11.5453, 12.9237,

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

11.5453, 12.9237, 12.2419

Protanopia

12.1979, 12.8301, 11.9588

Deuteranopia

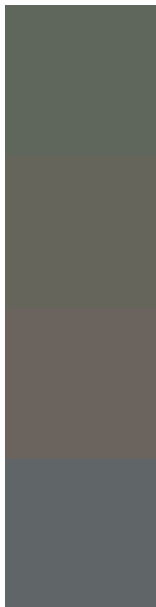
13.1051, 12.8683, 12.3828



Tritanopia

12.3438, 12.9529, 16.3176

Trichromacy



Original Color

11.5453, 12.9237, 12.2419

Protanomaly

11.9523, 12.8468, 11.9749

Deuteranomaly

12.4261, 12.7960, 12.4046

Tritanomaly

12.0234, 12.9688, 14.7015

Monochromacy



Original Color

11.5453, 12.9237, 12.2419

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.7518, 12.5741, 13.1169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5453, 12.9237, 12.2419 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, 103, 93) looks like.

```
.text, #text, p{  
    color:rgb(95, 103, 93)  
}
```

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, 103, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 103, 93) }
```

Border

The CSS property to change the border of an element to XYZ 11.5453, 12.9237, 12.2419 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, 103, 93) }
```


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

```
.border{ border-color:rgb(95, 103, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 103, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 103, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 103, 93);  
box-shadow:4px 4px 4px 4px rgb(95, 103,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5453, 12.9237, 12.2419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 103, 93) }
```

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

```
.background{ background-color: rgb(95, 103,  
93) }
```

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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