

Converting Colors

XYZ(11.3003, 12.1993, 14.3671)

Have a look what the booklet for
XYZ(11.3003, 12.1993, 14.3671)
contains.

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Color

**XYZ(11.2737, 12.1583,
14.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6366
RGB	92, 99, 102
RGB Percent	36%, 39%, 40%
CMY	0.6392, 0.6118, 0.6000
CMYK	0.10, 0.03, 0.00, 0.60
HSL	198°, 5%, 38%
HSV	198°, 10%, 40%
XYZ	11.2737, 12.1583, 14.3230
YIQ	97.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

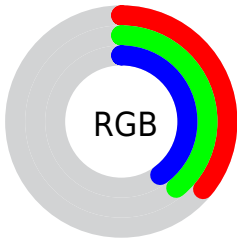
Format	Color
R_{YB}	92, 96, 102
Decimal	6054758
CIE _{Lab}	41.47, -2.03, -2.64
CIE _{LCh}	41, 3.329, 232.333
Yxy	12.1583, 0.2986, 0.3220
Android (android.graphics.Color)	4284244838 (0xFF5C6366)
YUV	97.2490, 2.3422, -4.6034
Hunter-Lab	34.8688, -3.3080, 0.0536

Details

The XYZ color **11.2737, 12.1583, 14.3230** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5034, 11.7817, 11.7931**, and the grayscale version is **11.4191, 12.0138, 13.0830**.

A 20% lighter version of the original color is **27.8114, 29.8634, 34.4354**, and **3.0894, 3.4029, 4.1084** is the 20% darker color. If you saturate the color by 10%, you get **10.0384, 11.0998, 14.1840**, and if you desaturate by 10%, it is **12.6579, 13.3105, 14.4726**.

Distribution



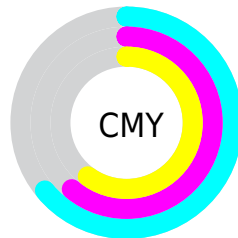
- Red (36%)
- Green (39%)
- Blue (40%)



- Red (36%)
- Yellow (38%)
- Blue (40%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2737, 12.1583, 14.3230 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 11.2737, 12.1583, 14.3230 by changing the saturation by 10% instead.

■ 11.2737, 12.1583,
14.3230

■ 11.2737, 12.1583,
14.3230

193.4056,
205.4505, 230.7290

■ 6.3199, 6.8516,
8.2043

■ 27.7937, 29.7831,
34.3864

■ 3.0831, 3.3695,
4.1363

■ 40.0905, 42.8699,
49.1682

■ 1.1978, 1.3275,
1.7004

■ 55.5658, 59.3190,
67.6748

■ 0.1047, 0.1624,
0.3610

■ 74.5848, 79.5146,
90.3248

■ 0.0000, 0.0000,
0.0000

97.5130, 103.8411,
117.5367

124.7156,

132.6830, 149.7289

156.5580,
166.4247, 187.3202

■ 11.2737, 12.1583,
14.3230

■ 11.2737, 12.1583,
14.3230

■ 10.0384, 11.0998,
14.1840

■ 12.6579, 13.3105,
14.4726

■ 8.9455, 10.1305,
14.0545

■ 14.1952, 14.5578,
14.6324

■ 7.9892, 9.2476,
13.9345

■ 15.8909, 15.9033,
14.8027

■ 7.1633, 8.4476,
13.8236

■ 17.7498, 17.3499,
14.9839

■ 6.4608, 7.7268,
13.7215

■ 19.7765, 18.8999,
15.1763

■ 5.8742, 7.0811,
13.6278

■ 21.9754, 20.5557,
15.3800

■ 5.3949, 6.5059,
13.5420

■ 24.3506, 22.3198,
15.5953

■ 5.0133, 5.9961,
13.4637

■ 26.9062, 24.1944,
15.8225

■ 4.6847, 5.5283,
13.3908

■ 29.6461, 26.1816,
16.0616

Harmonies

Analogous

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



11.1304, 12.1583, 13.7519



11.2737, 12.1583, 14.3230



11.4940, 12.1583, 14.6054

Triad

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



11.2737, 12.1583, 14.3230



12.0241, 12.1583, 13.4172



11.3799, 12.1583, 12.0419

Complementary

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



11.2737, 12.1583, 14.3230



11.5034, 11.7817, 11.7931

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.



11.6184, 12.1583, 11.9593



11.2737, 12.1583, 14.3230



11.9925, 12.1583, 12.7377

Square

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



11.2737, 12.1583, 14.3230



11.9289, 12.1583, 14.0706



11.8432, 12.1583, 12.2098



11.1912, 12.1583, 12.4395

Rectangle

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



11.2737, 12.1583, 14.3230



11.6559, 12.1583, 14.5853



11.8432, 12.1583, 12.2098



11.4569, 12.1583, 11.9770

Sweetspot

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



11.2741, 12.1588, 14.3233



21.3731, 22.6622, 25.2935



11.2231, 12.6014, 12.6277



5.0032, 5.3139, 5.9627



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.



11.2741, 12.1588, 14.3233



19.1972, 20.8366, 25.0558



10.8295, 11.2698, 14.1751



2.8379, 3.0538, 3.5718



5.9743, 7.0203, 17.1845



30.3683, 35.0333, 89.3629

Inverse Universe

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



11.5590, 11.3801, 13.3924



19.8199, 19.1581, 23.0165



11.9526, 12.6801, 11.9428



2.9027, 2.8757, 3.3602



8.4982, 4.2122, 8.0219



43.9237, 21.8095, 39.7370

Previews

White Background



This preview shows how the XYZ color 11.2737, 12.1583, 14.3230 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 11.2737, 12.1583, 14.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

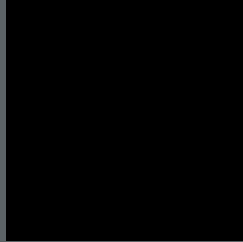
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

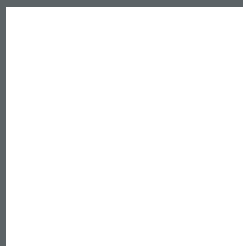
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2737, 12.1583, 14.3230

Background



This preview shows how black text looks on a background with the XYZ color 11.2737, 12.1583, 14.3230.



This preview shows how white text looks on a background with the XYZ color 11.2737, 12.1583,

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

11.2737, 12.1583, 14.3230

Protanopia

11.6607, 12.0856, 14.0301

Deuteranopia

12.3661, 12.1669, 14.5287



Tritanopia

11.4834, 12.1031, 15.3666

Trichromacy



Original Color

11.2737, 12.1583, 14.3230

Protanomaly

11.5405, 12.1617, 14.0511

Deuteranomaly

11.8866, 12.0543, 14.5322

Tritanomaly

11.4317, 12.0824, 15.0942

Monochromacy



Original Color

11.2737, 12.1583, 14.3230

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3391, 12.0691, 13.5363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2737, 12.1583, 14.3230 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(92, 99, 102) looks like.

```
.text, #text, p{  
    color:rgb(92, 99, 102)  
}
```

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(92, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 99, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.2737, 12.1583, 14.3230 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(92, 99, 102) }
```


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

```
.border{ border-color:rgb(92, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(92, 99,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2737, 12.1583, 14.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 99, 102) }
```

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

```
.background{ background-color: rgb(92, 99,  
102) }
```

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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