

Converting Colors

XYZ(11.5491, 12.1683, 12.3793)

Have a look what the booklet for
XYZ(11.5491, 12.1683, 12.3793)
contains.

XYZ(11.5337, 12.1962, 12.3359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.5337, 12.1962,
12.3359)**

Conversions

Conversions Part 1

Format	Color
Hex	63625E
RGB	99, 98, 94
RGB Percent	39%, 38%, 37%
CMY	0.6118, 0.6157, 0.6314
CMYK	0.00, 0.01, 0.05, 0.61
HSL	48°, 3%, 38%
HSV	48°, 5%, 39%
XYZ	11.5337, 12.1962, 12.3359
YIQ	97.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

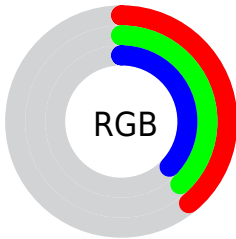
Format	Color
RYB	95, 99, 94
Decimal	6513246
CIELab	41.53, -0.42, 2.41
CIELCh	42, 2.443, 99.833
Yxy	12.1962, 0.3198, 0.3382
Android (android.graphics.Color)	4284703326 (0xFF63625E)
YUV	97.8430, -1.8946, 1.0147
Hunter-Lab	34.9231, -2.1639, 3.5031

Details

The XYZ color **11.5337, 12.1962, 12.3359** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9605, 11.4649, 13.4399**, and the grayscale version is **11.5750, 12.1778, 13.2616**.

A 20% lighter version of the original color is **28.3592, 29.9925, 30.6800**, and **3.2297, 3.4263, 3.2874** is the 20% darker color. If you saturate the color by 10%, you get **10.9351, 11.6649, 10.0834**, and if you desaturate by 10%, it is **12.1945, 12.7605, 14.8906**.

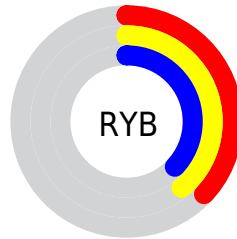
Distribution



Red (39%)

Green (38%)

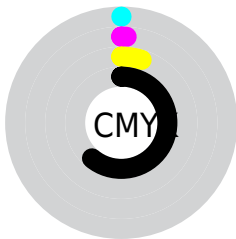
Blue (37%)



Red (37%)

Yellow (39%)

Blue (37%)

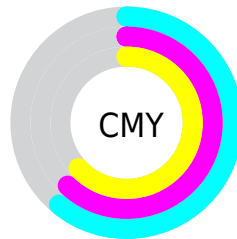


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5337, 12.1962, 12.3359 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 11.5337, 12.1962, 12.3359 by changing the saturation by 10% instead.

■ 11.5337, 12.1962,
12.3359

■ 11.5337, 12.1962,
12.3359

195.1270,
205.6999, 217.6728

■ 6.4969, 6.8774,
6.8476

■ 28.2672, 29.8519,
30.7789

■ 3.1930, 3.3856,
3.2900

■ 40.6947, 42.9577,
44.5707

■ 1.2567, 1.3362,
1.2445

■ 56.3165, 59.4280,
61.9673

■ 0.1504, 0.1690,
0.0157

■ 75.4979, 79.6471,
83.3874

■ 0.0000, 0.0000,
0.0000

98.6043, 103.9994,
109.2494

126.0010,

132.8694, 139.9720

158.0534,
166.6414, 175.9736

■ 11.5337, 12.1962,
12.3359

■ 11.5337, 12.1962,
12.3359

■ 10.9351, 11.6649,
10.0834

■ 12.1945, 12.7605,
14.8906

■ 10.3956, 11.1640,
8.1210

■ 12.9187, 13.3571,
17.7576

■ 9.9131, 10.6932,
6.4370

■ 13.7084, 13.9874,
20.9472

■ 9.4853, 10.2514,
5.0183

■ 14.5657, 14.6521,
24.4692

■ 9.1093, 9.8375,
3.8512

■ 15.4922, 15.3521,
28.3329

■ 8.7824, 9.4501,
2.9203

■ 16.4898, 16.0880,
32.5473

■ 8.5012, 9.0881,
2.2090

■ 17.5600, 16.8607,
37.1210

■ 8.2621, 8.7499,
1.6979

■ 18.7045, 17.6707,
42.0624

■ 8.0568, 8.4321,
1.3436

■ 19.9250, 18.5187,
47.3796

Harmonies

Analogous

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



11.7107, 12.1962, 12.3795



11.5337, 12.1962, 12.3359



11.3740, 12.1962, 12.5401

Triad

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



11.5337, 12.1962, 12.3359



11.3310, 12.1962, 13.9182



11.9168, 12.1962, 13.6208

Complementary

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



11.5337, 12.1962, 12.3359



10.9605, 11.4649, 13.4399

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.



11.8130, 12.1962, 14.0476



11.5337, 12.1962, 12.3359



11.4744, 12.1962, 14.2223

Square

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



11.5337, 12.1962, 12.3359



11.2578, 12.1962, 13.4479



11.6507, 12.1962, 14.2702



11.9330, 12.1962, 13.1127

Rectangle

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



11.5337, 12.1962, 12.3359



11.2984, 12.1962, 12.7925



11.6507, 12.1962, 14.2702



11.8909, 12.1962, 13.7789

Sweetspot

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



11.5340, 12.1967, 12.3362



20.1137, 21.2063, 22.4184



11.2141, 11.4845, 12.4524



4.7858, 5.0448, 5.3476



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



11.5340, 12.1967, 12.3362



19.6655, 20.8177, 20.7033



11.4657, 12.3010, 12.3599



2.7627, 2.9247, 2.9074



10.3468, 10.7363, 1.5270



54.6486, 56.1032, 7.9487

Inverse Universe

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



10.9605, 11.4649, 13.4399



18.4717, 19.2944, 23.0006



11.0265, 11.3662, 13.4174



2.5943, 2.7098, 3.2315



3.2304, 1.7636, 15.5578



16.7347, 8.3757, 82.9393

Previews

White Background



This preview shows how the XYZ color 11.5337, 12.1962, 12.3359 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 11.5337, 12.1962, 12.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

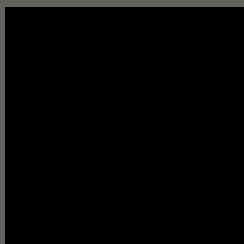
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

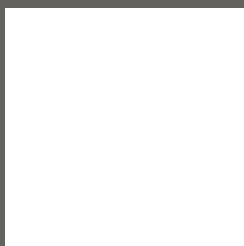
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5337, 12.1962, 12.3359

Background



This preview shows how black text looks on a background with the XYZ color 11.5337, 12.1962, 12.3359.



This preview shows how white text looks on a background with the XYZ color 11.5337, 12.1962,

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

11.5337, 12.1962, 12.3359

Protanopia

11.7549, 12.3102, 12.3462

Deuteranopia

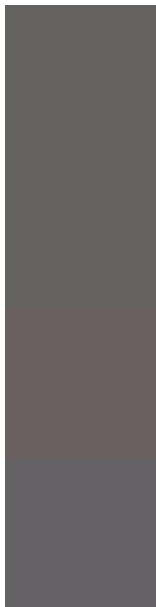
12.4644, 12.2619, 12.5363



Tritanopia

11.9371, 12.0745, 14.7982

Trichromacy



Original Color

11.5337, 12.1962, 12.3359

Protanomaly

11.6436, 12.2528, 12.3410

Deuteranomaly

12.0741, 12.1952, 12.5440

Tritanomaly

11.8305, 12.1788, 13.7838

Monochromacy



Original Color

11.5337, 12.1962, 12.3359

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5624, 12.1951, 13.0537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5337, 12.1962, 12.3359 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(99, 98, 94) looks like.

```
.text, #text, p{  
    color:rgb(99, 98, 94)  
}
```

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(99, 98, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 98, 94) }
```

Border

The CSS property to change the border of an element to XYZ 11.5337, 12.1962, 12.3359 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(99, 98, 94) }
```


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

```
.border{ border-color:rgb(99, 98, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 98, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 98, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 98, 94);  
box-shadow:4px 4px 4px 4px rgb(99, 98, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5337, 12.1962, 12.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 98, 94) }
```

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

```
.background{ background-color: rgb(99, 98,  
94) }
```

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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