

Converting Colors

XYZ(11.2811, 12.2918, 11.3407)

Have a look what the booklet for
XYZ(11.2811, 12.2918, 11.3407)
contains.

XYZ(11.2371, 12.2033, 11.4361)	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(11.2371, 12.2033,
11.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	61635A
RGB	97, 99, 90
RGB Percent	38%, 39%, 35%
CMY	0.6196, 0.6118, 0.6471
CMYK	0.02, 0.00, 0.09, 0.61
HSL	73°, 5%, 37%
HSV	73°, 9%, 39%
XYZ	11.2371, 12.2033, 11.4361
YIQ	97.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

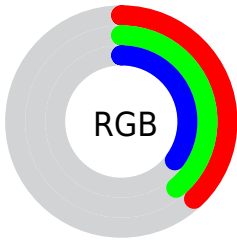
Format	Color
R_{YB}	90, 99, 92
Decimal	6382426
CIE Lab	41.54, -2.61, 4.84
CIE LCh	42, 5.496, 118.301
Yxy	12.2033, 0.3222, 0.3499
Android (android.graphics.Color)	4284572506 (0xFF61635A)
YUV	97.3760, -3.6364, -0.3298
Hunter-Lab	34.9332, -3.7144, 5.0435

Details

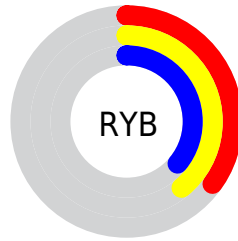
The XYZ color **11.2371, 12.2033, 11.4361** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3225, 10.4889, 13.2856**, and the grayscale version is **11.4636, 12.0606, 13.1340**.

A 20% lighter version of the original color is **27.8527, 30.0020, 29.1339**, and **3.0930, 3.4319, 2.8823** is the 20% darker color. If you saturate the color by 10%, you get **10.6122, 11.9270, 9.3517**, and if you desaturate by 10%, it is **11.9253, 12.5065, 13.8170**.

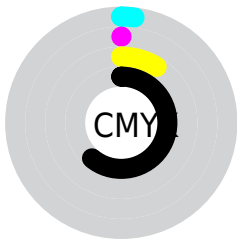
Distribution



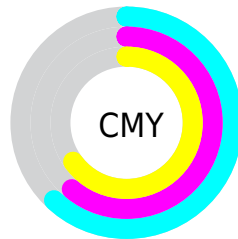
- Red (38%)
- Green (39%)
- Blue (35%)



- Red (35%)
- Yellow (39%)
- Blue (36%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2371, 12.2033, 11.4361 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 11.2371, 12.2033, 11.4361 by changing the saturation by 10% instead.

■ 11.2371, 12.2033,
11.4361

■ 11.2371, 12.2033,
11.4361

193.1619,
205.7466, 211.4792

■ 6.2950, 6.8823,
6.2431

■ 27.7269, 29.8648,
29.1127

■ 3.0676, 3.3886,
2.9223

■ 40.0052, 42.9742,
42.4334

■ 1.1896, 1.3378,
1.0551

■ 55.4598, 59.4484,
59.3004

■ 0.0982, 0.1702,
0.0000

■ 74.4558, 79.6719,
80.1323

■ 0.0000, 0.0000,
0.0000

97.3587, 104.0290,
105.3476

124.5337,

132.9043, 135.3648

156.3464,
166.6820, 170.6025

■ 11.2371, 12.2033,
11.4361

■ 11.2371, 12.2033,
11.4361

■ 10.6122, 11.9270,
9.3517

■ 11.9253, 12.5065,
13.8170

■ 10.0474, 11.6751,
7.5515

■ 12.6780, 12.8358,
16.5046

■ 9.5406, 11.4471,
6.0233

■ 13.4976, 13.1926,
19.5096

■ 9.0892, 11.2421,
4.7539

■ 14.3859, 13.5777,
22.8419

■ 8.6905, 11.0588,
3.7288

■ 15.3448, 13.9918,
26.5109

■ 8.3414, 10.8961,
2.9323

■ 16.3760, 14.4357,
30.5258

■ 8.0385, 10.7526,
2.3467

■ 17.4814, 14.9100,
34.8954

■ 7.7779, 10.6267,
1.9518

■ 18.6626, 15.4153,
39.6280

■ 7.5423, 10.5116,
1.6572

■ 19.9211, 15.9524,
44.7319

Harmonies

Analogous

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



11.6218, 12.2033, 11.1998



11.2371, 12.2033, 11.4361



10.9551, 12.2033, 12.1603

Triad

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



11.2371, 12.2033, 11.4361



11.1984, 12.2033, 15.2563



12.3869, 12.2033, 13.3529

Complementary

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



11.2371, 12.2033, 11.4361



10.3225, 10.4889, 13.2856

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.



12.2674, 12.2033, 14.4819



11.2371, 12.2033, 11.4361



11.5760, 12.2033, 15.6194

Square

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



11.2371, 12.2033, 11.4361



10.9331, 12.2033, 14.3621



11.9683, 12.2033, 15.3283



12.2912, 12.2033, 12.2675

Rectangle

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



11.2371, 12.2033, 11.4361



10.8600, 12.2033, 12.8445



11.9683, 12.2033, 15.3283



12.3705, 12.2033, 13.7402

Sweetspot

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



11.2374, 12.2038, 11.4364



19.9719, 21.2404, 22.0084



10.8143, 11.0369, 11.2334



4.7286, 5.0405, 5.1669



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.



11.2374, 12.2038, 11.4364



19.0289, 20.8247, 18.7800



10.7765, 11.9662, 11.4148



2.7122, 2.9430, 2.7692



9.7696, 13.6705, 2.1238



51.4154, 72.6311, 11.3093

Inverse Universe

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



10.3225, 10.4889, 13.2856



17.1034, 17.2158, 22.6715



10.7801, 10.7248, 13.3070



2.4972, 2.5399, 3.2039



3.3356, 1.3804, 15.4783



17.1684, 7.0389, 82.6584

Previews

White Background



This preview shows how the XYZ color 11.2371, 12.2033, 11.4361 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 11.2371, 12.2033, 11.4361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

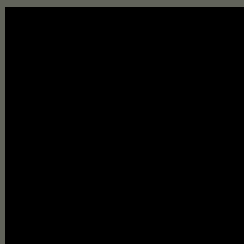
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

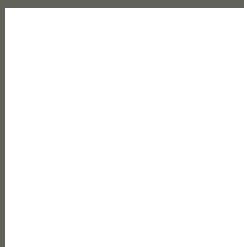
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2371, 12.2033, 11.4361

Background



This preview shows how black text looks on a background with the XYZ color 11.2371, 12.2033, 11.4361.



This preview shows how white text looks on a background with the XYZ color 11.2371, 12.2033,

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

11.2371, 12.2033, 11.4361

Protanopia

11.6503, 12.2814, 11.2077

Deuteranopia

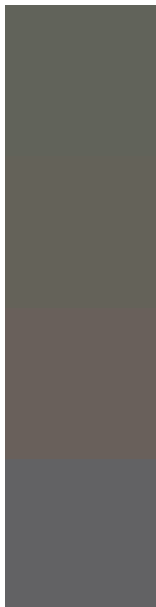
12.4109, 12.2547, 11.6088



Tritanopia

11.9701, 12.2220, 15.0928

Trichromacy



Original Color

11.2371, 12.2033, 11.4361

Protanomaly

11.4264, 12.1660, 11.1972

Deuteranomaly

11.8969, 12.1243, 11.6107

Tritanomaly

11.7049, 12.2521, 13.8046

Monochromacy



Original Color

11.2371, 12.2033, 11.4361

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3178, 12.0849, 12.3258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2371, 12.2033, 11.4361 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(97, 99, 90) looks like.

```
.text, #text, p{  
    color:rgb(97, 99, 90)  
}
```

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(97, 99, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 99, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.2371, 12.2033, 11.4361 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(97, 99, 90) }
```


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

```
.border{ border-color:rgb(97, 99, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 99, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 99, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 99, 90);  
box-shadow:4px 4px 4px 4px rgb(97, 99, 90)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.2371, 12.2033, 11.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 99, 90) }
```

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

```
.background{ background-color: rgb(97, 99,  
90) }
```

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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