

Converting Colors

XYZ(11.3604, 12.1575, 13.6654)

Have a look what the booklet for
XYZ(11.3604, 12.1575, 13.6654)
contains.

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Color

**XYZ(11.3301, 12.2042,
13.5629)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6363
RGB	94, 99, 99
RGB Percent	37%, 39%, 39%
CMY	0.6314, 0.6118, 0.6118
CMYK	0.05, 0.00, 0.00, 0.61
HSL	180°, 3%, 38%
HSV	180°, 5%, 39%
XYZ	11.3301, 12.2042, 13.5629
YIQ	97.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

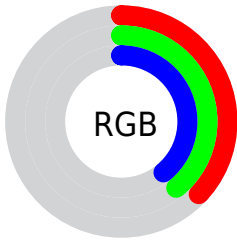
Format	Color
RYB	94, 97, 99
Decimal	6185827
CIELab	41.54, -1.94, -0.68
CIElCh	42, 2.052, 199.313
Yxy	12.2042, 0.3054, 0.3290
Android (android.graphics.Color)	4284375907 (0xFF5E6363)
YUV	97.5050, 0.7370, -3.0739
Hunter-Lab	34.9345, -3.2436, 1.4355

Details

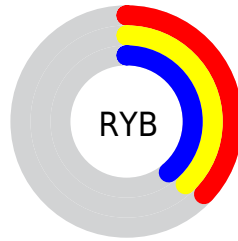
The XYZ color **11.3301, 12.2042, 13.5629** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1691, 11.4666, 12.2149**, and the grayscale version is **11.4858, 12.0839, 13.1594**.

A 20% lighter version of the original color is **27.9130, 29.9440, 33.1628**, and **3.1346, 3.4316, 3.8653** is the 20% darker color. If you saturate the color by 10%, you get **10.3793, 11.7144, 13.5180**, and if you desaturate by 10%, it is **12.4118, 12.7622, 13.6144**.

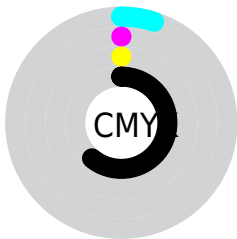
Distribution



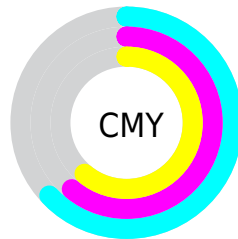
- Red (37%)
- Green (39%)
- Blue (39%)



- Red (37%)
- Yellow (38%)
- Blue (39%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)



- Cyan (63%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3301, 12.2042, 13.5629 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 11.3301, 12.2042, 13.5629 by changing the saturation by 10% instead.

■ 11.3301, 12.2042,
13.5629

■ 11.3301, 12.2042,
13.5629

193.7803,
205.7525, 225.8275

■ 6.3582, 6.8829,
7.6820

■ 27.8966, 29.8665,
33.0173

■ 3.1068, 3.3890,
3.8073

■ 40.2219, 42.9762,
47.4279

■ 1.2105, 1.3380,
1.5202

■ 55.7290, 59.4509,
65.5189

■ 0.1146, 0.1704,
0.2329

■ 74.7834, 79.6750,
87.7087

■ 0.0000, 0.0000,
0.0000

97.7504, 104.0328,
114.4159

124.9953,

132.9087, 146.0591

156.8835,
166.6871, 183.0568

■ 11.3301, 12.2042,
13.5629

■ 11.3301, 12.2042,
13.5629

■ 10.3793, 11.7144,
13.5180

■ 12.4118, 12.7622,
13.6144

■ 9.5535, 11.2887,
13.4787

■ 13.6281, 13.3892,
13.6720

■ 8.8478, 10.9249,
13.4450

■ 14.9838, 14.0880,
13.7361

■ 8.2566, 10.6202,
13.4167

■ 16.4829, 14.8609,
13.8069

■ 7.7739, 10.3713,
13.3935

■ 18.1297, 15.7098,
13.8846

■ 7.3931, 10.1750,
13.3750

■ 19.9280, 16.6368,
13.9694

■ 7.1069, 10.0275,
13.3609

■ 21.8814, 17.6439,
14.0615

■ 6.9070, 9.9244,
13.3509

■ 23.9937, 18.7328,
14.1610

■ 6.7744, 9.8561,
13.3441

■ 26.2684, 19.9054,
14.2681

Harmonies

Analogous

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



11.3191, 12.2042, 13.1360



11.3301, 12.2042, 13.5629



11.4130, 12.2042, 13.9235

Triad

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



11.3301, 12.2042, 13.5629



11.8194, 12.2042, 13.8332



11.6532, 12.2042, 12.4943

Complementary

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



11.3301, 12.2042, 13.5629



11.1691, 11.4666, 12.2149

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.



11.7885, 12.2042, 12.6727



11.3301, 12.2042, 13.5629



11.8850, 12.2042, 13.4418

Square

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



11.3301, 12.2042, 13.5629



11.6952, 12.2042, 14.0818



11.8736, 12.2042, 13.0174



11.5048, 12.2042, 12.5251

Rectangle

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



11.3301, 12.2042, 13.5629



11.4983, 12.2042, 14.0748



11.8736, 12.2042, 13.0174



11.7017, 12.2042, 12.5317

Sweetspot

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



11.3304, 12.2047, 13.5632



19.9677, 21.2098, 23.2912



11.1073, 12.1164, 12.3433



4.7542, 5.0455, 5.5365



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.



11.3304, 12.2047, 13.5632



19.2424, 20.8359, 23.2568



11.1049, 11.7536, 13.4883



2.7030, 2.9272, 3.2677



8.7504, 12.8062, 17.3897



46.7461, 68.4134, 92.8967

Inverse Universe

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



11.1691, 11.4666, 12.2149



18.9067, 19.2999, 20.4510



11.3874, 11.9032, 12.2874



2.6557, 2.7105, 2.8718



6.7077, 3.4579, 0.3148



35.8338, 18.4729, 1.6788

Previews

White Background



This preview shows how the XYZ color 11.3301, 12.2042, 13.5629 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 11.3301, 12.2042, 13.5629 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

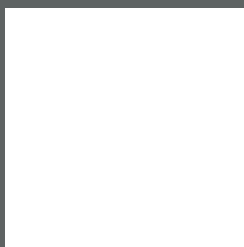
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3301, 12.2042, 13.5629

Background



This preview shows how black text looks on a background with the XYZ color 11.3301, 12.2042, 13.5629.



This preview shows how white text looks on a background with the XYZ color 11.3301, 12.2042,

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

11.3301, 12.2042, 13.5629

Protanopia

11.6249, 12.0839, 13.2750

Deuteranopia

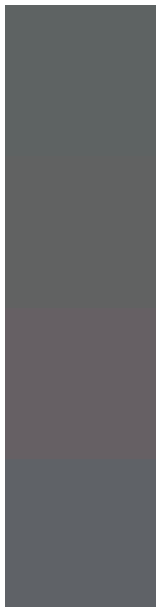
12.3363, 12.1687, 13.7552



Tritanopia

11.6885, 12.2089, 15.3762

Trichromacy



Original Color

11.3301, 12.2042, 13.5629

Protanomaly

11.5021, 12.1586, 13.2959

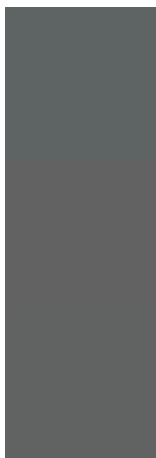
Deuteranomaly

11.9626, 12.1106, 13.7637

Tritanomaly

11.5352, 12.1475, 14.5687

Monochromacy



Original Color

11.3301, 12.2042, 13.5629

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5021, 12.1586, 13.2959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3301, 12.2042, 13.5629 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(94, 99, 99) looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 11.3301, 12.2042, 13.5629 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(94, 99, 99) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 11.3301, 12.2042, 13.5629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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