

Converting Colors

XYZ(11.5425, 12.9518, 4.2464)

Have a look what the booklet for
XYZ(11.5425, 12.9518, 4.2464)
contains.

XYZ(11.5127, 12.9358, 4.2729)	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(11.5127, 12.9358,
4.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	6D662C
RGB	109, 102, 44
RGB Percent	43%, 40%, 17%
CMY	0.5725, 0.6000, 0.8274
CMYK	0.00, 0.06, 0.60, 0.57
HSL	54°, 42%, 30%
HSV	54°, 60%, 43%
XYZ	11.5127, 12.9358, 4.2729
YIQ	97.4810, 22.7900, -16.5540

Conversions

Conversions Part 2

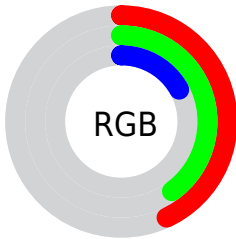
Format	Color
RYB	52, 109, 44
Decimal	7169580
CIELab	42.67, -5.48, 33.18
CIELCh	43, 33.634, 99.380
Yxy	12.9358, 0.4008, 0.4504
Android (android.graphics.Color)	4285359660 (0xFF6D662C)
YUV	97.4810, -26.3661, 10.1022
Hunter-Lab	35.9664, -5.8040, 18.1327

Details

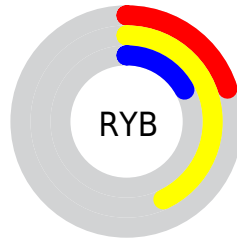
The XYZ color **11.5127, 12.9358, 4.2729** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.9828, 4.0071, 14.9789**, and the grayscale version is **11.5403, 12.1412, 13.2218**.

A 20% lighter version of the original color is **28.2233, 31.2366, 14.6669**, and **3.1698, 3.6622, 0.5398** is the 20% darker color. If you saturate the color by 10%, you get **11.2198, 12.6359, 3.2939**, and if you desaturate by 10%, it is **11.8617, 13.2617, 5.5366**.

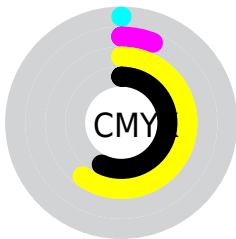
Distribution



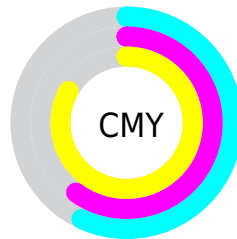
- Red (43%)
- Green (40%)
- Blue (17%)



- Red (20%)
- Yellow (43%)
- Blue (17%)



- Cyan (0%)
- Magenta (6%)
- Yellow (60%)
- Black (57%)



- Cyan (57%)
- Magenta (60%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5127, 12.9358, 4.2729 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 11.5127, 12.9358, 4.2729 by changing the saturation by 10% instead.

■ 11.5127, 12.9358,
4.2729

■ 11.5127, 12.9358,
4.2729

194.9885,
210.5058, 151.2120

■ 6.4826, 7.3844,
1.7762

■ 28.2290, 31.1884,
14.6344

■ 3.1841, 3.7036,
0.4122

■ 40.6460, 44.6583,
23.3363

■ 1.2519, 1.5092,
0.0000

■ 56.2560, 61.5366,
34.9437

■ 0.1467, 0.2952,
0.0000

■ 75.4244, 82.2075,
49.8752

■ 0.0000, 0.0000,
0.0000

■ 98.5164, 107.0555,
68.5492

■ 125.8976,

136.4649, 91.3843

157.9331,
170.8202, 118.7990

■ 11.5127, 12.9358,
4.2729

■ 11.5127, 12.9358,
4.2729

■ 11.2198, 12.6359,
3.2939

■ 11.8617, 13.2617,
5.5366

■ 10.9777, 12.3584,
2.5761

■ 12.2698, 13.6134,
7.1045

■ 10.7819, 12.1021,
2.0935

■ 12.7408, 13.9929,
8.9954

■ 10.6122, 11.8588,
1.7412

■ 13.2778, 14.4014,
11.2261

■ 10.6060, 11.8499,
1.7283

■ 13.8839, 14.8403,
13.8125

■ 14.5619, 15.3106,
16.7693

■ 15.3145, 15.8133,
20.1104

■ 16.1442, 16.3496,
23.8492

■ 17.0534, 16.9204,
27.9983

Harmonies

Analogous

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



14.1050, 12.9358, 4.6026



11.5127, 12.9358, 4.2729



9.4377, 12.9358, 5.7767

Triad

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



11.5127, 12.9358, 4.2729



8.8795, 12.9358, 25.0123



17.4821, 12.9358, 19.6350

Complementary

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



11.5127, 12.9358, 4.2729



4.9828, 4.0071, 14.9789

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.



15.6778, 12.9358, 27.9757



11.5127, 12.9358, 4.2729



10.6470, 12.9358, 31.7523

Square

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



11.5127, 12.9358, 4.2729



8.0621, 12.9358, 16.5012



13.1121, 12.9358, 32.9927



17.7985, 12.9358, 11.9168

Rectangle

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



11.5127, 12.9358, 4.2729



8.5380, 12.9358, 8.0721



13.1121, 12.9358, 32.9927



17.0187, 12.9358, 22.5218

Sweetspot

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



11.5130, 12.9364, 4.2732



23.8925, 25.8742, 20.5942



7.8179, 5.2969, 3.8103



5.5063, 5.9813, 4.5663



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.5130, 12.9364, 4.2732



19.8908, 22.4047, 5.2822



9.5870, 13.0079, 4.3885



3.3067, 3.5307, 3.3247



12.3948, 13.8393, 2.0180



62.7739, 69.7514, 10.1548

Inverse Universe

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



4.9828, 4.0071, 14.9789



7.0033, 4.8001, 26.4646



6.1094, 4.1678, 14.9505



2.9723, 3.0728, 3.8713



3.3678, 1.5698, 17.0478



16.8282, 7.3349, 86.7550

Previews

White Background



This preview shows how the XYZ color 11.5127, 12.9358, 4.2729 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 11.5127, 12.9358, 4.2729 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 11.5127, 12.9358, 4.2729

Background



This preview shows how black text looks on a background with the XYZ color 11.5127, 12.9358, 4.2729.



This preview shows how white text looks on a background with the XYZ color 11.5127, 12.9358,

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

11.5127, 12.9358, 4.2729

Protanopia

11.7904, 12.9340, 4.2580

Deuteranopia

13.1335, 12.9230, 4.3869



Tritanopia

13.5705, 12.9224, 14.6110

Trichromacy



Original Color

11.5127, 12.9358, 4.2729

Protanomaly

11.6638, 12.8687, 4.2520

Deuteranomaly

12.4491, 12.8468, 4.3062

Tritanomaly

12.5728, 12.7893, 9.7886

Monochromacy



Original Color

11.5127, 12.9358, 4.2729

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.2038, 12.2404, 8.9799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5127, 12.9358, 4.2729 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(109, 102, 44)` looks like.

```
.text, #text, p{  
    color:rgb(109, 102, 44)  
}
```

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(109, 102, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 102, 44) }
```

Border

The CSS property to change the border of an element to XYZ 11.5127, 12.9358, 4.2729 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(109, 102, 44) }
```


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

```
.border{ border-color:rgb(109, 102, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 102, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 102, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 102, 44);  
box-shadow:4px 4px 4px 4px rgb(109, 102,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5127, 12.9358, 4.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 102, 44) }
```

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

```
.background{ background-color: rgb(109,  
102, 44) }
```

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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