

Converting Colors

XYZ(13.2743, 13.2601, 11.4717)

Have a look what the booklet for
XYZ(13.2743, 13.2601, 11.4717)
contains.

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Color

**XYZ(13.2467, 13.2393,
11.5301)**

Conversions

Conversions Part 1

Format	Color
Hex	72635A
RGB	114, 99, 90
RGB Percent	45%, 39%, 35%
CMY	0.5529, 0.6118, 0.6471
CMYK	0.00, 0.13, 0.21, 0.55
HSL	23°, 12%, 40%
HSV	23°, 21%, 45%
XYZ	13.2467, 13.2393, 11.5301
YIQ	102.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

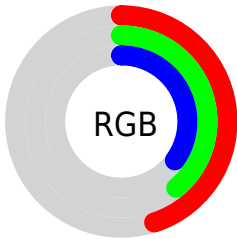
Format	Color
R_{YB}	114, 104, 90
Decimal	7496538
CIE Lab	43.12, 4.40, 7.31
CIE LCh	43, 8.535, 58.965
Yxy	13.2393, 0.3484, 0.3483
Android (android.graphics.Color)	4285686618 (0xFF72635A)
YUV	102.4590, -6.1423, 10.1215
Hunter-Lab	36.3858, 1.3098, 6.6820

Details

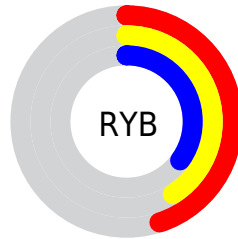
The XYZ color **13.2467, 13.2393, 11.5301** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3051, 13.4912, 17.8751**, and the grayscale version is **12.7633, 13.4280, 14.6231**.

A 20% lighter version of the original color is **31.3659, 31.8131, 29.2983**, and **3.9745, 3.8863, 2.9235** is the 20% darker color. If you saturate the color by 10%, you get **12.1529, 11.7696, 8.9524**, and if you desaturate by 10%, it is **14.4752, 14.8591, 14.5203**.

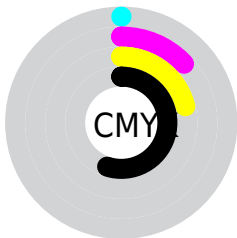
Distribution



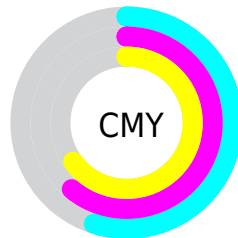
- Red (45%)
- Green (39%)
- Blue (35%)



- Red (45%)
- Yellow (41%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2467, 13.2393, 11.5301 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 13.2467, 13.2393, 11.5301 by changing the saturation by 10% instead.

■ 13.2467, 13.2393,
11.5301

■ 13.2467, 13.2393,
11.5301

206.0985,
212.4457, 212.1354

■ 7.6768, 7.5935,
6.3059

■ 31.3438, 31.7330,
29.2878

■ 3.9389, 3.8360,
2.9602

■ 44.6018, 45.3498,
42.6585

■ 1.6676, 1.5822,
1.0744

■ 61.1532, 62.3923,
59.5817

■ 0.4359, 0.3456,
0.0000

■ 81.3633, 83.2451,
80.4760

■ 0.0000, 0.0000,
0.0000

105.5976,
108.2924, 105.7600

134.2213,

137.9186, 135.8522

167.5998,
172.5083, 171.1712

■ 13.2467, 13.2393,
11.5301

■ 13.2467, 13.2393,
11.5301

■ 12.1529, 11.7696,
8.9524

■ 14.4752, 14.8591,
14.5203

■ 11.1879, 10.4437,
6.7680

■ 15.8420, 16.6314,
17.9392

■ 10.3467, 9.2577,
4.9575

■ 17.3518, 18.5608,
21.8034

■ 9.6237, 8.2065,
3.4994

■ 19.0088, 20.6513,
26.1282

■ 9.0129, 7.2850,
2.3700

■ 20.8172, 22.9065,
30.9282

■ 8.5073, 6.4876,
1.5429

■ 22.7806, 25.3300,
36.2174

■ 8.0994, 5.8079,
0.9871

■ 24.9029, 27.9255,
42.0090

■ 7.7947, 5.2880,
0.6099

■ 27.1877, 30.6962,
48.3161

■ 29.6383, 33.6454,
55.1509

Harmonies

Analogous

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



13.7224, 13.2393, 12.7320



13.2467, 13.2393, 11.5301



12.6064, 13.2393, 11.0897

Triad

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



13.2467, 13.2393, 11.5301



11.3613, 13.2393, 14.3500



13.2058, 13.2393, 17.8210

Complementary

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



13.2467, 13.2393, 11.5301



12.3051, 13.4912, 17.8751

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.



12.5607, 13.2393, 18.3471



13.2467, 13.2393, 11.5301



11.5095, 13.2393, 16.2409

Square

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



13.2467, 13.2393, 11.5301



11.5310, 13.2393, 12.6280



11.9429, 13.2393, 17.7457



13.6982, 13.2393, 16.3639

Rectangle

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



13.2467, 13.2393, 11.5301



12.1771, 13.2393, 11.2551



11.9429, 13.2393, 17.7457



12.9989, 13.2393, 18.1179

Sweetspot

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



13.2471, 13.2399, 11.5304



26.5826, 27.6032, 28.3629



13.1557, 11.9139, 15.0248



6.1225, 6.3511, 6.4966



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.2471, 13.2399, 11.5304



22.3675, 22.0480, 18.0941



14.4475, 15.6409, 11.9305



3.4775, 3.5876, 3.5825



8.6617, 5.8559, 0.6738



42.3769, 27.6290, 3.0994

Inverse Universe

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



12.3051, 13.4912, 17.8751



20.4127, 22.5681, 31.2557



11.1858, 11.2526, 17.5020



3.3749, 3.6151, 4.2741



5.8898, 6.3699, 18.6407



28.4915, 30.0348, 92.5748

Previews

White Background



This preview shows how the XYZ color 13.2467, 13.2393, 11.5301 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 13.2467, 13.2393, 11.5301 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 13.2467, 13.2393, 11.5301

Background



This preview shows how black text looks on a background with the XYZ color 13.2467, 13.2393, 11.5301.



This preview shows how white text looks on a background with the XYZ color 13.2467, 13.2393,

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

13.2467, 13.2393, 11.5301

Protanopia

12.5836, 13.3222, 11.8058

Deuteranopia

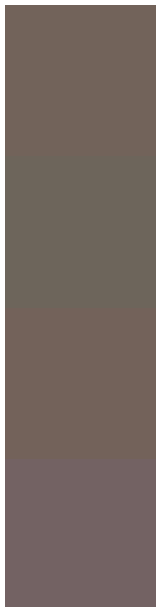
13.4156, 13.1866, 11.5110



Tritanopia

13.9758, 13.2619, 14.9199

Trichromacy



Original Color

13.2467, 13.2393, 11.5301

Protanomaly

12.8487, 13.3139, 11.7902

Deuteranomaly

13.2834, 13.1184, 11.5049

Tritanomaly

13.6900, 13.2811, 13.6463

Monochromacy



Original Color

13.2467, 13.2393, 11.5301

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.8021, 13.2534, 13.4387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2467, 13.2393, 11.5301 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(114, 99, 90)` looks like.

```
.text, #text, p{  
    color:rgb(114, 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(114, 99, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 99, 90) }
```

Border

The CSS property to change the border of an element to XYZ 13.2467, 13.2393, 11.5301 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(114, 99, 90) }
```


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

```
.border{ border-color:rgb(114, 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(114, 99, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 99, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 99, 90);  
box-shadow:4px 4px 4px 4px rgb(114, 99,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2467, 13.2393, 11.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 99, 90) }
```

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

```
.background{ background-color: rgb(114, 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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