

Converting Colors

XYZ(10.7399, 13.2683, 3.7018)

Have a look what the booklet for
XYZ(10.7399, 13.2683, 3.7018)
contains.

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Color

**XYZ(10.7217, 13.2954,
3.6702)**

Conversions

Conversions Part 1

Format	Color
Hex	636B24
RGB	99, 107, 36
RGB Percent	39%, 42%, 14%
CMY	0.6118, 0.5804, 0.8588
CMYK	0.07, 0.00, 0.66, 0.58
HSL	67°, 50%, 28%
HSV	67°, 66%, 42%
XYZ	10.7217, 13.2954, 3.6702
YIQ	96.5140, 18.0230, -23.7770

Conversions

Conversions Part 2

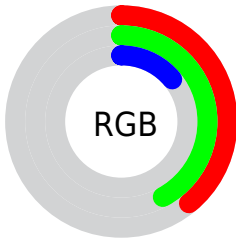
Format	Color
RYB	36, 107, 44
Decimal	6515492
CIELab	43.21, -13.60, 37.47
CIELCh	43, 39.865, 109.954
Yxy	13.2954, 0.3872, 0.4802
Android (android.graphics.Color)	4284705572 (0xFF636B24)
YUV	96.5140, -29.8334, 2.1802
Hunter-Lab	36.4629, -11.3231, 19.5561

Details

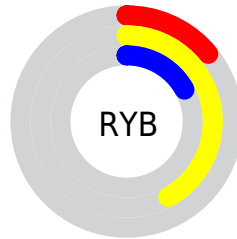
The XYZ color **10.7217, 13.2954, 3.6702** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.3238, 2.8590, 14.2347**, and the grayscale version is **11.3111, 11.9001, 12.9592**.

A 20% lighter version of the original color is **26.8154, 31.7850, 13.3161**, and **2.9313, 3.9098, 0.6002** is the 20% darker color. If you saturate the color by 10%, you get **10.4515, 13.1727, 2.9286**, and if you desaturate by 10%, it is **11.0434, 13.4399, 4.6700**.

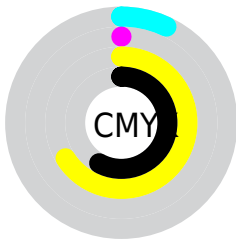
Distribution



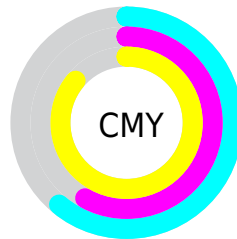
- Red (39%)
- Green (42%)
- Blue (14%)



- Red (14%)
- Yellow (42%)
- Blue (17%)



- Cyan (7%)
- Magenta (0%)
- Yellow (66%)
- Black (58%)



- Cyan (61%)
- Magenta (58%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7217, 13.2954, 3.6702 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 10.7217, 13.2954, 3.6702 by changing the saturation by 10% instead.

■ 10.7217, 13.2954,
3.6702

■ 10.7217, 13.2954,
3.6702

189.6962,
212.8023, 144.4859

■ 5.9459, 7.6323,
1.4462

■ 26.7819, 31.8335,
13.2417

■ 2.8526, 3.8606,
0.1774

■ 38.7971, 45.4772,
21.4263

■ 1.0763, 1.5959,
0.0000

■ 53.9561, 62.5499,
32.4349

■ 0.0051, 0.3548,
0.0000

■ 72.6243, 83.4360,
46.6859

■ 0.0000, 0.0000,
0.0000

■ 95.1670, 108.5199,
64.5980

■ 121.9497,

138.1860, 86.5897

153.3376,
172.8187, 113.0795

10.7217, 13.2954,
3.6702

10.7217, 13.2954,
3.6702

10.4515, 13.1727,
2.9286

11.0434, 13.4399,
4.6700

10.2273, 13.0681,
2.4205

11.4197, 13.6060,
5.9481

10.0384, 12.9779,
2.0879

11.8543, 13.7956,
7.5233

9.9712, 12.9458,
1.9732

12.3506, 14.0102,
9.4129

12.9116, 14.2508,
11.6325

■ 13.5401, 14.5187,
14.1970

■ 14.2387, 14.8149,
17.1202

■ 15.0099, 15.1403,
20.4152

■ 15.8561, 15.4960,
24.0944

Harmonies

Analogous

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



13.6984, 13.2954, 3.3748



10.7217, 13.2954, 3.6702



8.6239, 13.2954, 6.0762

Triad

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



10.7217, 13.2954, 3.6702



9.1967, 13.2954, 31.7287



19.4112, 13.2954, 17.6412

Complementary

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



10.7217, 13.2954, 3.6702



4.3238, 2.8590, 14.2347

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.



17.7342, 13.2954, 28.3606



10.7217, 13.2954, 3.6702



11.6317, 13.2954, 38.4223

Square

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



10.7217, 13.2954, 3.6702



7.8476, 13.2954, 21.0701



14.7675, 13.2954, 36.9872



19.0609, 13.2954, 9.4256

Rectangle

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



10.7217, 13.2954, 3.6702



7.8500, 13.2954, 9.4062



14.7675, 13.2954, 36.9872



19.0566, 13.2954, 21.1031

Sweetspot

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



10.7220, 13.2960, 3.6705



22.6814, 25.3295, 19.0813



7.2498, 4.9885, 2.2500



5.4384, 6.1088, 4.4151



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.



10.7220, 13.2960, 3.6705



18.4673, 23.4718, 4.6589



7.7171, 11.7469, 3.5298



3.3012, 3.5671, 3.3320



12.1143, 15.7403, 2.3997



61.2685, 79.9672, 12.2060

Inverse Universe

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



4.3238, 2.8590, 14.2347



6.0709, 3.1989, 25.2052



6.4764, 3.9687, 14.3354



2.9772, 3.0400, 3.8647



3.3978, 1.3787, 17.0093



16.9188, 6.8216, 86.6512

Previews

White Background



This preview shows how the XYZ color 10.7217, 13.2954, 3.6702 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 10.7217, 13.2954, 3.6702 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

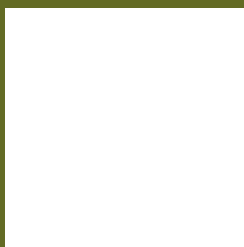
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.7217, 13.2954, 3.6702

Background



This preview shows how black text looks on a background with the XYZ color 10.7217, 13.2954, 3.6702.



This preview shows how white text looks on a background with the XYZ color 10.7217, 13.2954,

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

10.7217, 13.2954, 3.6702

Protanopia

11.9942, 13.2015, 3.5061

Deuteranopia

13.3933, 13.2079, 3.7629



Tritanopia

13.2078, 13.2612, 16.0509

Trichromacy



Original Color

10.7217, 13.2954, 3.6702

Protanomaly

11.5604, 13.2732, 3.5428

Deuteranomaly

12.3397, 13.2292, 3.7368

Tritanomaly

11.9668, 13.1933, 9.8985

Monochromacy



Original Color

10.7217, 13.2954, 3.6702

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.9607, 12.4120, 8.4747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7217, 13.2954, 3.6702 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, 107, 36) looks like.

```
.text, #text, p{  
    color:rgb(99, 107, 36)  
}
```

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, 107, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 107, 36) }
```

Border

The CSS property to change the border of an element to XYZ 10.7217, 13.2954, 3.6702 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, 107, 36) }
```


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

```
.border{ border-color:rgb(99, 107, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 107, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 107, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 107, 36);  
box-shadow:4px 4px 4px 4px rgb(99, 107,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7217, 13.2954, 3.6702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 107, 36) }
```

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

```
.background{ background-color: rgb(99, 107,  
36) }
```

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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