

Converting Colors

XYZ(10.2107, 13.1859, 3.7572)

Have a look what the booklet for
XYZ(10.2107, 13.1859, 3.7572)
contains.

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Color

**XYZ(10.2107, 13.1859,
3.7572)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6C25
RGB	93, 108, 37
RGB Percent	36%, 42%, 15%
CMY	0.6353, 0.5765, 0.8549
CMYK	0.14, 0.00, 0.66, 0.58
HSL	73°, 49%, 28%
HSV	73°, 66%, 42%
XYZ	10.2107, 13.1859, 3.7572
YIQ	95.4210, 13.8510, -25.2610

Conversions

Conversions Part 2

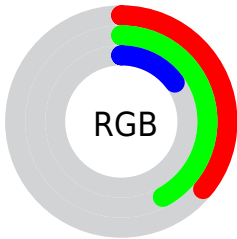
Format	Color
RYB	37, 108, 52
Decimal	6122533
CIELab	43.04, -16.80, 36.68
CIElCh	43, 40.349, 114.609
Yxy	13.1859, 0.3760, 0.4856
Android (android.graphics.Color)	4284312613 (0xFF5D6C25)
YUV	95.4210, -28.8016, -2.1232
Hunter-Lab	36.3124, -13.3542, 19.2840

Details

The XYZ color **10.2107, 13.1859, 3.7572** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.7850, 3.1362, 14.5414**, and the grayscale version is **11.0435, 11.6186, 12.6527**.

A 20% lighter version of the original color is **25.7549, 31.4879, 13.5244**, and **2.7509, 3.8954, 0.6069** is the 20% darker color. If you saturate the color by 10%, you get **9.8382, 13.0111, 2.9820**, and if you desaturate by 10%, it is **10.6410, 13.3856, 4.7978**.

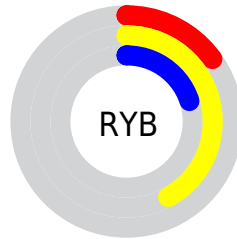
Distribution



Red (36%)

Green (42%)

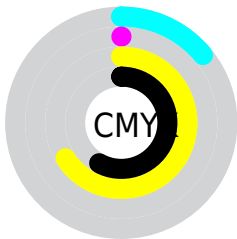
Blue (15%)



Red (15%)

Yellow (42%)

Blue (20%)

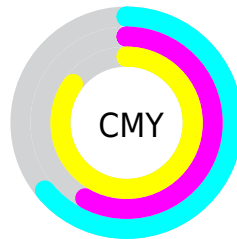


Cyan (14%)

Magenta (0%)

Yellow (66%)

Black (58%)



Cyan (64%)

Magenta (58%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2107, 13.1859, 3.7572 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 10.2107, 13.1859, 3.7572 by changing the saturation by 10% instead.

10.2107, 13.1859,
3.7572

10.2107, 13.1859,
3.7572

186.1917,
212.1057, 145.4872

5.6022, 7.5567,
1.4931

25.8372, 31.6374,
13.4458

2.6431, 3.8126,
0.2128

37.5858, 45.2284,
21.7074

0.9680, 1.5693,
0.0000

52.4453, 62.2421,
32.8053

0.0000, 0.3368,
0.0000

70.7809, 83.0630,
47.1579

0.0000, 0.0000,
0.0000

92.9580, 108.0754,
65.1839

119.3419,

137.6637, 87.3017

150.2980,
172.2123, 113.9300

10.2107, 13.1859,
3.7572

10.2107, 13.1859,
3.7572

9.8382, 13.0111,
2.9820

10.6410, 13.3856,
4.7978

9.5178, 12.8574,
2.4472

11.1321, 13.6099,
6.1241

9.2399, 12.7216,
2.1006

11.6882, 13.8610,
7.7554

9.1256, 12.6655,
1.9637

12.3124, 14.1403,
9.7092

13.0081, 14.4489,
12.0016

■ 13.7780, 14.7880,
14.6476

■ 14.6249, 15.1588,
17.6612

■ 15.5514, 15.5622,
21.0560

■ 16.5600, 15.9993,
24.8445

Harmonies

Analogous

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



13.1012, 13.1859, 3.1854



10.2107, 13.1859, 3.7572



8.2742, 13.1859, 6.5659

Triad

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



10.2107, 13.1859, 3.7572



9.3877, 13.1859, 33.2565



19.4536, 13.1859, 16.0215

Complementary

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



10.2107, 13.1859, 3.7572



4.7850, 3.1362, 14.5414

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.



18.0476, 13.1859, 26.6879



10.2107, 13.1859, 3.7572



11.9811, 13.1859, 38.9434

Square

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



10.2107, 13.1859, 3.7572



7.8568, 13.1859, 22.7046



15.1827, 13.1859, 36.1441



18.7712, 13.1859, 8.3567

Rectangle

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



10.2107, 13.1859, 3.7572



7.6192, 13.1859, 10.2862



15.1827, 13.1859, 36.1441



19.2035, 13.1859, 19.3815

Sweetspot

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



10.2110, 13.1865, 3.7575



22.2335, 25.0985, 19.0604



7.7113, 5.7073, 2.4456



5.3193, 6.0474, 4.4095



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.



10.2110, 13.1865, 3.7575



16.9563, 22.6909, 4.6780



7.4594, 11.7680, 3.6287



3.2737, 3.5529, 3.3307



10.8614, 15.0944, 2.3411



54.6023, 76.5306, 11.8940

Inverse Universe

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



4.7850, 3.1362, 14.5414



6.6637, 3.5551, 25.2427



7.2713, 4.4180, 14.6577



3.0027, 3.0531, 3.8659



3.6242, 1.4954, 17.0199



17.8532, 7.3033, 86.6949

Previews

White Background



This preview shows how the XYZ color 10.2107, 13.1859, 3.7572 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 10.2107, 13.1859, 3.7572 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 10.2107, 13.1859, 3.7572

Background



This preview shows how black text looks on a background with the XYZ color 10.2107, 13.1859, 3.7572.



This preview shows how white text looks on a background with the XYZ color 10.2107, 13.1859,

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

10.2107, 13.1859, 3.7572

Protanopia

11.9942, 13.2015, 3.5061

Deuteranopia

13.2791, 13.1451, 3.9352



Tritanopia

12.7808, 13.1782, 16.3380

Trichromacy



Original Color

10.2107, 13.1859, 3.7572

Protanomaly

11.2126, 13.0922, 3.6051

Deuteranomaly

11.9761, 13.0380, 3.8929

Tritanomaly

11.5487, 13.1218, 10.1077

Monochromacy



Original Color

10.2107, 13.1859, 3.7572

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.4093, 11.9884, 8.2439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2107, 13.1859, 3.7572 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(93, 108, 37) looks like.

```
.text, #text, p{  
    color:rgb(93, 108, 37)  
}
```

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(93, 108, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 108, 37) }
```

Border

The CSS property to change the border of an element to XYZ 10.2107, 13.1859, 3.7572 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(93, 108, 37) }
```


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

```
.border{ border-color:rgb(93, 108, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 108, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 108, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 108, 37);  
box-shadow:4px 4px 4px 4px rgb(93, 108,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2107, 13.1859, 3.7572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 108, 37) }
```

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

```
.background{ background-color: rgb(93, 108,  
37) }
```

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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