

Converting Colors

XYZ(10.2287, 10.0229, 13.8208)

Have a look what the booklet for
XYZ(10.2287, 10.0229, 13.8208)
contains.

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Color

**XYZ(10.2714, 10.0831,
13.7168)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5765
RGB	93, 87, 101
RGB Percent	36%, 34%, 40%
CMY	0.6353, 0.6588, 0.6039
CMYK	0.08, 0.14, 0.00, 0.60
HSL	266°, 7%, 37%
HSV	266°, 14%, 40%
XYZ	10.2714, 10.0831, 13.7168
YIQ	90.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

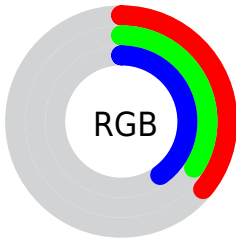
Format	Color
R_{YB}	93, 87, 101
Decimal	6117221
CIE Lab	37.99, 5.44, -7.17
CIE LCh	38, 9.001, 307.174
Yxy	10.0831, 0.3015, 0.2959
Android (android.graphics.Color)	4284307301 (0xFF5D5765)
YUV	90.3900, 5.2307, 2.2890
Hunter-Lab	31.7539, 2.1699, -3.3839

Details

The XYZ color **10.2714, 10.0831, 13.7168** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0935, 12.4286, 10.8315**, and the grayscale version is **9.7949, 10.3049, 11.2221**.

A 20% lighter version of the original color is **25.9408, 25.9980, 33.3566**, and **2.6661, 2.5266, 3.8372** is the 20% darker color. If you saturate the color by 10%, you get **8.9480, 8.2710, 13.4369**, and if you desaturate by 10%, it is **11.7539, 12.1477, 14.0373**.

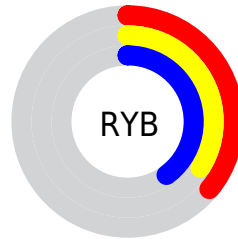
Distribution



Red (36%)

Green (34%)

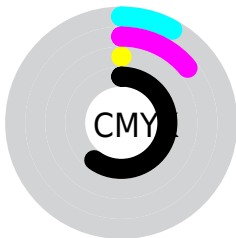
Blue (40%)



Red (36%)

Yellow (34%)

Blue (40%)

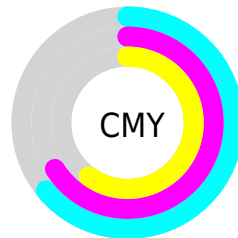


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (60%)



Cyan (64%)

Magenta (66%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2714, 10.0831, 13.7168 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 10.2714, 10.0831, 13.7168 by changing the saturation by 10% instead.

■ 10.2714, 10.0831,
13.7168

■ 10.2714, 10.0831,
13.7168

186.6117,
191.2641, 226.8287

■ 5.6429, 5.4541,
7.7875

■ 25.9498, 25.9517,
33.2955

■ 2.6678, 2.5161,
3.8734

■ 37.7304, 37.9601,
47.7820

■ 0.9806, 0.8847,
1.5562

■ 52.6258, 53.1970,
65.9580

■ 0.0000, 0.0000,
0.2593

■ 71.0014, 72.0469,
88.2420

■ 0.0000, 0.0000,
0.0000

■ 93.2223, 94.8942,
115.0525

119.6542,

122.1232, 146.8081

150.6622,
154.1184, 183.9273

■ 10.2714, 10.0831,
13.7168

■ 10.2714, 10.0831,
13.7168

■ 8.9480, 8.2710,
13.4369

■ 11.7539, 12.1477,
14.0373

■ 7.7772, 6.7001,
13.1954

■ 13.4001, 14.4729,
14.3994

■ 6.7532, 5.3602,
12.9908

■ 15.2153, 17.0679,
14.8046

■ 5.8694, 4.2399,
12.8211

■ 17.2044, 19.9414,
15.2544

■ 5.1190, 3.3268,
12.6844

■ 19.3722, 23.1012,
15.7500

■ 4.4941, 2.6071,
12.5784

■ 21.7230, 26.5553,
16.2928

■ 3.9862, 2.0653,
12.5006

■ 24.2614, 30.3111,
16.8840

■ 3.5808, 1.6746,
12.4466

■ 26.9913, 34.3757,
17.5247

■ 3.3574, 1.4594,
12.4168

■ 29.9170, 38.7562,
18.2160

Harmonies

Analogous

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



9.7232, 10.0831, 14.4513



10.2714, 10.0831, 13.7168



10.6455, 10.0831, 12.2611

Triad

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



10.2714, 10.0831, 13.7168



10.0216, 10.0831, 8.2974



8.5222, 10.0831, 11.3813

Complementary

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



10.2714, 10.0831, 13.7168



11.0935, 12.4286, 10.8315

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.



8.5949, 10.0831, 9.7891



10.2714, 10.0831, 13.7168



9.4455, 10.0831, 8.1125

Square

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



10.2714, 10.0831, 13.7168



10.4973, 10.0831, 9.1648



8.9274, 10.0831, 8.6318



8.7247, 10.0831, 13.0176

Rectangle

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



10.2714, 10.0831, 13.7168



10.7378, 10.0831, 11.1365



8.9274, 10.0831, 8.6318



8.5154, 10.0831, 10.8225

Sweetspot

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



10.2717, 10.0835, 13.7170



20.1110, 20.7598, 24.0838



10.3870, 11.1806, 13.9227



4.9098, 5.0539, 5.9175



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.2717, 10.0835, 13.7170



16.7813, 16.1367, 23.3669



10.9945, 10.4562, 13.7508



2.7936, 2.8157, 3.5282



4.3555, 1.8895, 16.2795



21.7533, 9.3585, 84.8612

Inverse Universe

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



10.8408, 10.4097, 12.2646



17.9951, 16.8326, 20.2532



10.4146, 12.0786, 10.7997



2.8888, 2.8702, 3.2870



8.0081, 4.0162, 5.4411



41.3220, 20.7688, 26.0370

Previews

White Background



This preview shows how the XYZ color 10.2714, 10.0831, 13.7168 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 10.2714, 10.0831, 13.7168 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 10.2714, 10.0831, 13.7168

Background



This preview shows how black text looks on a background with the XYZ color 10.2714, 10.0831, 13.7168.



This preview shows how white text looks on a background with the XYZ color 10.2714, 10.0831,

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

10.2714, 10.0831, 13.7168

Protanopia

9.9011, 10.1303, 14.0039

Deuteranopia

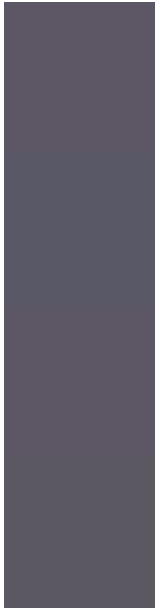
10.2714, 10.0831, 13.7168



Tritanopia

9.9689, 10.0810, 12.2469

Trichromacy



Original Color

10.2714, 10.0831, 13.7168

Protanomaly

10.0078, 10.0626, 13.9852

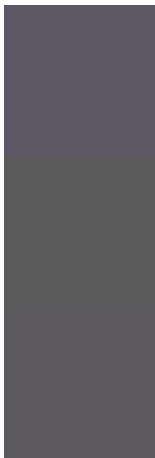
Deuteranomaly

10.2714, 10.0831, 13.7168

Tritanomaly

10.0610, 10.1178, 12.7319

Monochromacy



Original Color

10.2714, 10.0831, 13.7168

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.9071, 10.1771, 12.0319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2714, 10.0831, 13.7168 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, 87, 101) looks like.

```
.text, #text, p{  
    color:rgb(93, 87, 101)  
}
```

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, 87, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 87, 101) }
```

Border

The CSS property to change the border of an element to XYZ 10.2714, 10.0831, 13.7168 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, 87, 101) }
```


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

```
.border{ border-color:rgb(93, 87, 101) }
```

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

Here you see how a box with a 4 pixel rgb(93, 87, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 87, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 87, 101);  
box-shadow:4px 4px 4px 4px rgb(93, 87,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2714, 10.0831, 13.7168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 87, 101) }
```

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

```
.background{ background-color: rgb(93, 87,  
101) }
```

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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