

Converting Colors

XYZ(10.8329, 12.3637, 12.6183)

Have a look what the booklet for
XYZ(10.8329, 12.3637, 12.6183)
contains.

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Color

**XYZ(10.8414, 12.4037,
12.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	58665F
RGB	88, 102, 95
RGB Percent	35%, 40%, 37%
CMY	0.6549, 0.6000, 0.6274
CMYK	0.14, 0.00, 0.07, 0.60
HSL	150°, 7%, 37%
HSV	150°, 14%, 40%
XYZ	10.8414, 12.4037, 12.6492
YIQ	97.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

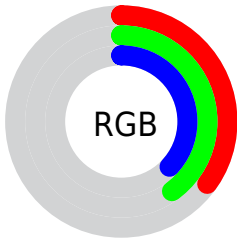
Format	Color
R_{YB}	88, 97, 102
Decimal	5793375
CIE _{Lab}	41.85, -6.87, 2.15
CIE _{LCh}	42, 7.201, 162.592
Yxy	12.4037, 0.3020, 0.3456
Android (android.graphics.Color)	4283983455 (0xFF58665F)
YUV	97.0160, -0.9939, -7.9070
Hunter-Lab	35.2189, -6.6855, 3.3587

Details

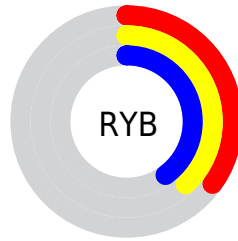
The XYZ color **10.8414, 12.4037, 12.6492** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0352, 10.6307, 12.2973**, and the grayscale version is **11.3699, 11.9620, 13.0267**.

A 20% lighter version of the original color is **26.9833, 30.2301, 31.2009**, and **2.8754, 3.4464, 3.4194** is the 20% darker color. If you saturate the color by 10%, you get **9.7184, 11.8510, 11.4258**, and if you desaturate by 10%, it is **12.1155, 13.0332, 13.9594**.

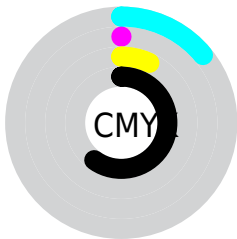
Distribution



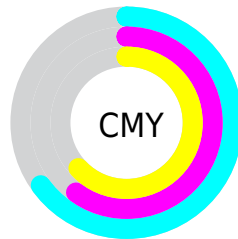
- Red (35%)
- Green (40%)
- Blue (37%)



- Red (35%)
- Yellow (38%)
- Blue (40%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8414, 12.4037, 12.6492 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 10.8414, 12.4037, 12.6492 by changing the saturation by 10% instead.

■ 10.8414, 12.4037,
12.6492

■ 10.8414, 12.4037,
12.6492

190.5070,
207.0599, 219.7853

■ 6.0268, 7.0192,
7.0596

■ 27.0021, 30.2283,
31.3540

■ 2.9022, 3.4741,
3.4204

■ 39.0788, 43.4371,
45.3062

■ 1.1023, 1.3840,
1.3131

■ 54.3071, 60.0230,
62.8831

■ 0.0270, 0.2049,
0.0725

■ 73.0521, 80.3701,
84.5031

■ 0.0000, 0.0000,
0.0000

■ 95.6792, 104.8630,
110.5847

122.5538,

133.8860, 141.5466

154.0413,
167.8235, 177.8073

■ 10.8414, 12.4037,
12.6492

■ 10.8414, 12.4037,
12.6492

■ 9.7184, 11.8510,
11.4258

■ 12.1155, 13.0332,
13.9594

■ 8.7394, 11.3706,
10.2867

■ 13.5450, 13.7407,
15.3574

■ 7.8987, 10.9597,
9.2303

■ 15.1357, 14.5294,
16.8451

■ 7.1894, 10.6149,
8.2547

■ 16.8925, 15.4020,
18.4242

■ 6.6042, 10.3324,
7.3578

■ 18.8202, 16.3607,
20.0961

■ 6.1351, 10.1082,
6.5376

■ 20.9234, 17.4080,
21.8625

■ 5.7728, 9.9376,
5.7919

■ 23.2064, 18.5461,
23.7248

■ 5.5022, 9.8127,
5.1182

■ 25.6735, 19.7771,
25.6846

■ 5.3491, 9.7423,
4.7300

■ 28.3289, 21.1032,
27.7432

Harmonies

Analogous

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



11.1116, 12.4037, 11.4646



10.8414, 12.4037, 12.6492



10.8204, 12.4037, 14.1533

Triad

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



10.8414, 12.4037, 12.6492



12.0134, 12.4037, 16.5660



12.5573, 12.4037, 11.6211

Complementary

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



10.8414, 12.4037, 12.6492



11.0352, 10.6307, 12.2973

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.



12.8145, 12.4037, 12.8778



10.8414, 12.4037, 12.6492



12.4942, 12.4037, 15.7754

Square

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



10.8414, 12.4037, 12.6492



11.4864, 12.4037, 16.4932



12.7910, 12.4037, 14.3996



12.0975, 12.4037, 10.9023

Rectangle

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



10.8414, 12.4037, 12.6492



10.9496, 12.4037, 15.1432



12.7910, 12.4037, 14.3996



12.6709, 12.4037, 11.9904

Sweetspot

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



10.8417, 12.4042, 12.6495



21.1552, 22.8108, 24.3886



11.2568, 12.6533, 11.0816



4.9585, 5.3654, 5.7212



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.



10.8417, 12.4042, 12.6495



18.4491, 21.4751, 21.5821



11.1630, 12.5327, 14.3412



2.8489, 3.1633, 3.3056



6.8500, 12.5036, 5.9717



35.2847, 65.0364, 28.8189

Inverse Universe

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



11.0352, 10.6307, 12.2973



18.8487, 17.8119, 20.8547



10.7407, 10.5129, 10.7464



2.8812, 2.8671, 3.2468



7.7855, 3.9271, 4.2686



40.1635, 20.3054, 19.9360

Previews

White Background



This preview shows how the XYZ color 10.8414, 12.4037, 12.6492 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 10.8414, 12.4037, 12.6492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

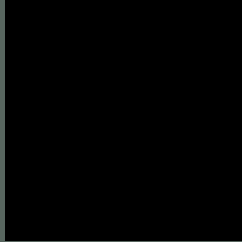
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

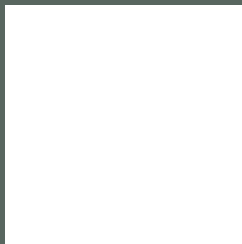
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.8414, 12.4037, 12.6492

Background



This preview shows how black text looks on a background with the XYZ color 10.8414, 12.4037, 12.6492.



This preview shows how white text looks on a background with the XYZ color 10.8414, 12.4037,

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

10.8414, 12.4037, 12.6492

Protanopia

11.8230, 12.3505, 12.1167

Deuteranopia

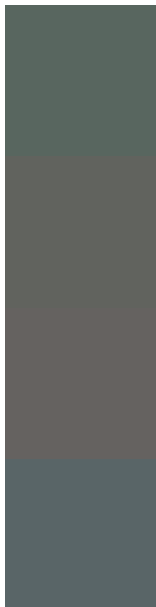
12.5102, 12.2802, 12.7773



Tritanopia

11.4804, 12.3707, 15.9701

Trichromacy



Original Color

10.8414, 12.4037, 12.6492

Protanomaly

11.4120, 12.2732, 12.3572

Deuteranomaly

11.8458, 12.3466, 12.8251

Tritanomaly

11.2217, 12.4105, 14.6360

Monochromacy



Original Color

10.8414, 12.4037, 12.6492

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1893, 12.1479, 12.8214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8414, 12.4037, 12.6492 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(88, 102, 95) looks like.

```
.text, #text, p{  
    color:rgb(88, 102, 95)  
}
```

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(88, 102, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 102, 95) }
```

Border

The CSS property to change the border of an element to XYZ 10.8414, 12.4037, 12.6492 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(88, 102, 95) }
```


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

```
.border{ border-color:rgb(88, 102, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 102, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 102, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 102, 95);  
box-shadow:4px 4px 4px 4px rgb(88, 102,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8414, 12.4037, 12.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 102, 95) }
```

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

```
.background{ background-color: rgb(88, 102,  
95) }
```

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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