

Converting Colors

XYZ(10.3496, 11.7693, 12.6480)

Have a look what the booklet for
XYZ(10.3496, 11.7693, 12.6480)
contains.

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Color

**XYZ(10.2737, 11.6812,
12.5397)**

Conversions

Conversions Part 1

Format	Color
Hex	55635F
RGB	85, 99, 95
RGB Percent	33%, 39%, 37%
CMY	0.6667, 0.6118, 0.6274
CMYK	0.14, 0.00, 0.04, 0.61
HSL	163°, 8%, 36%
HSV	163°, 14%, 39%
XYZ	10.2737, 11.6812, 12.5397
YIQ	94.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

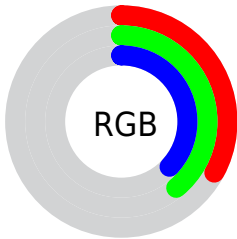
Format	Color
R_{YB}	85, 93, 99
Decimal	5595999
CIE Lab	40.70, -6.24, 0.46
CIE LCh	41, 6.258, 175.774
Yxy	11.6812, 0.2978, 0.3386
Android (android.graphics.Color)	4283786079 (0xFF55635F)
YUV	94.3580, 0.3165, -8.2070
Hunter-Lab	34.1778, -6.1547, 2.1712




Details

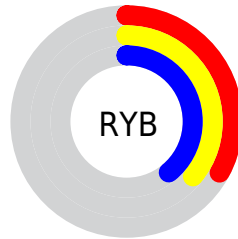
The XYZ color **10.2737, 11.6812, 12.5397** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.1977, 9.8712, 10.8195**, and the grayscale version is **10.7249, 11.2834, 12.2876**.




A 20% lighter version of the original color is **26.0089, 29.0079, 31.0163**, and **2.7026, 3.2191, 3.3846** is the 20% darker color. If you saturate the color by 10%, you get **9.3108, 11.1997, 11.8356**, and if you desaturate by 10%, it is **11.3677, 12.2304, 13.2748**.

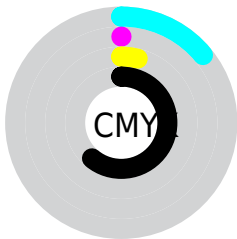
Distribution







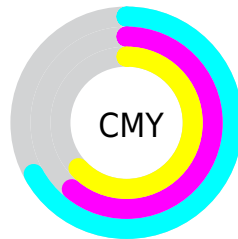
-  Red (33%)
-  Green (39%)
-  Blue (37%)






-  Red (33%)
-  Yellow (36%)
-  Blue (39%)



-  Cyan (14%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (61%)



-  Cyan (67%)
-  Magenta (61%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2737, 11.6812, 12.5397 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 10.2737, 11.6812, 12.5397 by changing the saturation by 10% instead.

10.2737, 11.6812,
12.5397

10.2737, 11.6812,
12.5397

186.6276,
202.2832, 219.0494

5.6445, 6.5270,
6.9854

25.9541, 28.9131,
31.1533

2.6687, 3.1681,
3.3746

37.7359, 41.7596,
45.0496

0.9811, 1.2201,
1.2890

52.6327, 57.9390,
62.5637

0.0000, 0.0780,
0.0527

71.0097, 77.8357,
84.1141

0.0000, 0.0000,
0.0000

93.2324, 101.8341,
110.1193

119.6660,

130.3185, 140.9980

150.6759,
163.6734, 177.1685

■ 10.2737, 11.6812,
12.5397

■ 10.2737, 11.6812,
12.5397

■ 9.3108, 11.1997,
11.8356

■ 11.3677, 12.2304,
13.2748

■ 8.4729, 10.7818,
11.1612

■ 12.5967, 12.8483,
14.0407

■ 7.7545, 10.4250,
10.5163

■ 13.9659, 13.5379,
14.8380

■ 7.1498, 10.1263,
9.9003

■ 15.4796, 14.3014,
15.6672

■ 6.6520, 9.8821,
9.3127

■ 17.1420, 15.1411,
16.5288

■ 6.2539, 9.6889,
8.7529

■ 18.9574, 16.0590,
17.4231

■ 5.9473, 9.5423,
8.2201

■ 20.9295, 17.0572,
18.3506

■ 5.7163, 9.4342,
7.7133

■ 23.0622, 18.1376,
19.3117

■ 5.5901, 9.3753,
7.4273

■ 25.3590, 19.3020,
20.3068

Harmonies

Analogous

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



10.4124, 11.6812, 11.3940



10.2737, 11.6812, 12.5397



10.3523, 11.6812, 13.8106

Triad

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



10.2737, 11.6812, 12.5397



11.4776, 11.6812, 15.0474



11.5892, 11.6812, 10.8045

Complementary

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



10.2737, 11.6812, 12.5397



10.1977, 9.8712, 10.8195

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.



11.8884, 11.6812, 11.6862



10.2737, 11.6812, 12.5397



11.8228, 11.6812, 14.1426

Square

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



10.2737, 11.6812, 12.5397



11.0399, 11.6812, 15.3133



11.9750, 11.6812, 12.8997



11.1656, 11.6812, 10.4354

Rectangle

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



10.2737, 11.6812, 12.5397



10.5184, 11.6812, 14.5505



11.9750, 11.6812, 12.8997



11.7081, 11.6812, 11.0478

Sweetspot

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



10.2740, 11.6817, 12.5400



19.5055, 20.9825, 22.7750



10.2409, 11.7138, 10.3157



4.6097, 4.9740, 5.3962



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.2740, 11.6817, 12.5400



17.0472, 19.7497, 21.1011



10.1999, 11.2349, 13.4359



2.6117, 2.8834, 3.1151



7.2692, 12.2137, 9.5898



38.4413, 65.0915, 49.1641

Inverse Universe

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



10.1977, 9.8712, 10.8195



16.8888, 15.9928, 17.5317



10.2590, 10.2555, 10.0333



2.5997, 2.6008, 2.8466



6.9692, 3.5625, 1.6915



36.8922, 18.8963, 7.2527

Previews

White Background



This preview shows how the XYZ color 10.2737, 11.6812, 12.5397 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 10.2737, 11.6812, 12.5397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

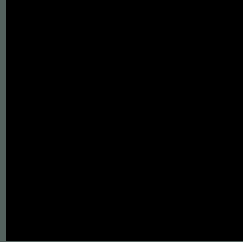
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

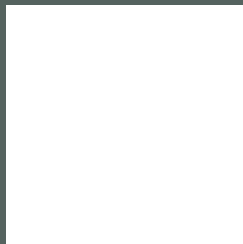
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.2737, 11.6812, 12.5397

Background



This preview shows how black text looks on a background with the XYZ color 10.2737, 11.6812, 12.5397.



This preview shows how white text looks on a background with the XYZ color 10.2737, 11.6812,

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

10.2737, 11.6812, 12.5397

Protanopia

11.1050, 11.5714, 12.0041

Deuteranopia

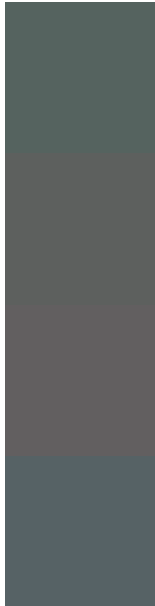
11.8514, 11.6765, 12.6955



Tritanopia

10.7550, 11.5955, 15.0359

Trichromacy



Original Color

10.2737, 11.6812, 12.5397

Protanomaly

10.7175, 11.5011, 12.2447

Deuteranomaly

11.2405, 11.6256, 12.7179

Tritanomaly

10.5544, 11.6534, 14.0050

Monochromacy



Original Color

10.2737, 11.6812, 12.5397

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.5176, 11.3980, 12.2354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2737, 11.6812, 12.5397 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(85, 99, 95) looks like.

```
.text, #text, p{  
    color:rgb(85, 99, 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(85, 99, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 99, 95) }
```

Border

The CSS property to change the border of an element to XYZ 10.2737, 11.6812, 12.5397 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(85, 99, 95) }
```


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

```
.border{ border-color:rgb(85, 99, 95) }
```

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

Here you see how a box with a 4 pixel rgb(85, 99, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 99, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 99, 95);  
box-shadow:4px 4px 4px 4px rgb(85, 99, 95)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2737, 11.6812, 12.5397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 99, 95) }
```

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

```
.background{ background-color: rgb(85, 99,  
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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