

Converting Colors

XYZ(11.1102, 13.2673, 14.2504)

Have a look what the booklet for
XYZ(11.1102, 13.2673, 14.2504)
contains.

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Color

**XYZ(11.0863, 13.2488,
14.2849)**

Conversions

Conversions Part 1

Format	Color
Hex	526B65
RGB	82, 107, 101
RGB Percent	32%, 42%, 40%
CMY	0.6784, 0.5804, 0.6039
CMYK	0.23, 0.00, 0.06, 0.58
HSL	166°, 13%, 37%
HSV	166°, 23%, 42%
XYZ	11.0863, 13.2488, 14.2849
YIQ	98.8410, -12.9740, -7.1660

Conversions

Conversions Part 2

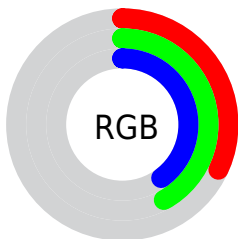
Format	Color
R_{YB}	82, 96, 107
Decimal	5401445
CIE _{Lab}	43.14, -10.60, 0.33
CIE _{LCh}	43, 10.603, 178.201
Y _{xy}	13.2488, 0.2871, 0.3431
Android (android.graphics.Color)	4283591525 (0xFF526B65)
YUV	98.8410, 1.0644, -14.7696
Hunter-Lab	36.3989, -9.3309, 2.2106

Details

The XYZ color **11.0863, 13.2488, 14.2849** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.8426, 9.8652, 10.5657**, and the grayscale version is **11.8197, 12.4353, 13.5420**.

A 20% lighter version of the original color is **27.4101, 31.6263, 34.3656**, and **3.0093, 3.8731, 4.0790** is the 20% darker color. If you saturate the color by 10%, you get **10.1036, 12.7569, 13.5924**, and if you desaturate by 10%, it is **12.2188, 13.8182, 15.0055**.

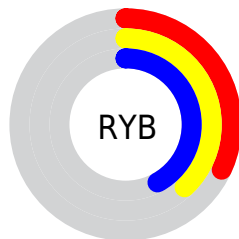
Distribution



Red (32%)

Green (42%)

Blue (40%)



Red (32%)

Yellow (38%)

Blue (42%)

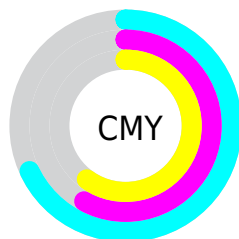


Cyan (23%)

Magenta (0%)

Yellow (6%)

Black (58%)



Cyan (68%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0863, 13.2488, 14.2849 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 11.0863, 13.2488, 14.2849 by changing the saturation by 10% instead.

■ 11.0863, 13.2488,
14.2849

■ 11.0863, 13.2488,
14.2849

192.1548,
212.5061, 230.4858

■ 6.1926, 7.6001,
8.1781

■ 27.4512, 31.7500,
34.3181

■ 3.0043, 3.8401,
4.1197

■ 39.6531, 45.3714,
49.0815

■ 1.1561, 1.5845,
1.6912

■ 55.0218, 62.4190,
67.5675

■ 0.0712, 0.3471,
0.3547

■ 73.9227, 83.2774,
90.1947

■ 0.0000, 0.0000,
0.0000

■ 96.7210, 108.3309,
117.3816

123.7823,

137.9639, 149.5467

155.4717,
172.5609, 187.1086

■ 11.0863, 13.2488,
14.2849

■ 11.0863, 13.2488,
14.2849

■ 10.1036, 12.7569,
13.5924

■ 12.2188, 13.8182,
15.0055

■ 9.2629, 12.3374,
12.9266

■ 13.5063, 14.4667,
15.7538

■ 8.5573, 11.9870,
12.2874

■ 14.9551, 15.1979,
16.5305

■ 7.9788, 11.7017,
11.6740

■ 16.5709, 16.0147,
17.3362

■ 7.5186, 11.4771,
11.0860

■ 18.3589, 16.9198,
18.1711

■ 7.1669, 11.3078,
10.5226

■ 20.3244, 17.9160,
19.0358

■ 6.9090, 11.1866,
9.9830

■ 22.4721, 19.0056,
19.9306

■ 6.7551, 11.1147,
9.6365

■ 24.8068, 20.1911,
20.8560

■ 27.3331, 21.4749,
21.8122

Harmonies

Analogous

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



11.3037, 13.2488, 12.1818



11.0863, 13.2488, 14.2849



11.2578, 13.2488, 16.6588

Triad

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



11.0863, 13.2488, 14.2849



13.3499, 13.2488, 18.7666



13.4389, 13.2488, 10.9288

Complementary

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



11.0863, 13.2488, 14.2849



10.8426, 9.8652, 10.5657

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.



14.0289, 13.2488, 12.4017



11.0863, 13.2488, 14.2849



13.9760, 13.2488, 16.9295

Square

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



11.0863, 13.2488, 14.2849



12.5433, 13.2488, 19.4078



14.2295, 13.2488, 14.5674



12.6420, 13.2488, 10.3787

Rectangle

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



11.0863, 13.2488, 14.2849



11.5740, 13.2488, 18.0476



14.2295, 13.2488, 14.5674



13.6693, 13.2488, 11.3240

Sweetspot

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



11.0867, 13.2493, 14.2852



23.2668, 25.4413, 27.6887



10.8293, 13.2121, 9.9622



5.6110, 6.1475, 6.6900



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.



11.0867, 13.2493, 14.2852



18.8640, 23.2288, 24.8995



10.7633, 12.1147, 15.6816



3.1523, 3.4801, 3.7857



8.2055, 13.5163, 11.6592



41.4589, 68.7306, 57.5567

Inverse Universe

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



10.8426, 9.8652, 10.5657



18.3458, 16.0353, 16.9963



11.0971, 10.7559, 9.4740



3.1268, 3.1276, 3.3981



7.5880, 3.8873, 1.4589



38.3697, 19.6898, 5.8836

Previews

White Background



This preview shows how the XYZ color 11.0863, 13.2488, 14.2849 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 11.0863, 13.2488, 14.2849 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 11.0863, 13.2488, 14.2849

Background



This preview shows how black text looks on a background with the XYZ color 11.0863, 13.2488, 14.2849.



This preview shows how white text looks on a background with the XYZ color 11.0863, 13.2488,

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

11.0863, 13.2488, 14.2849

Protanopia

12.5672, 13.1323, 13.4277

Deuteranopia

13.3714, 13.0941, 14.6546



Tritanopia

11.8352, 13.2494, 17.8532

Trichromacy



Original Color

11.0863, 13.2488, 14.2849

Protanomaly

11.9262, 13.0881, 13.7021

Deuteranomaly

12.3075, 12.9760, 14.4263

Tritanomaly

11.5705, 13.2970, 16.4247

Monochromacy



Original Color

11.0863, 13.2488, 14.2849

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.5658, 12.7500, 13.9080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0863, 13.2488, 14.2849 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(82, 107, 101)` looks like.

```
.text, #text, p{  
    color:rgb(82, 107, 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(82, 107, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 107, 101) }
```

Border

The CSS property to change the border of an element to XYZ 11.0863, 13.2488, 14.2849 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(82, 107, 101) }
```


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

```
.border{ border-color:rgb(82, 107, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 107, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 107, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 107, 101);  
box-shadow:4px 4px 4px 4px rgb(82, 107,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0863, 13.2488, 14.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 107, 101) }
```

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

```
.background{ background-color: rgb(82, 107,  
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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