

Converting Colors

XYZ(12.7485, 14.2614, 14.3927)

Have a look what the booklet for
XYZ(12.7485, 14.2614, 14.3927)
contains.

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Color

**XYZ(12.7485, 14.2614,
14.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	626C65
RGB	98, 108, 101
RGB Percent	38%, 42%, 40%
CMY	0.6157, 0.5765, 0.6039
CMYK	0.09, 0.00, 0.06, 0.58
HSL	138°, 5%, 40%
HSV	138°, 9%, 42%
XYZ	12.7485, 14.2614, 14.3927
YIQ	104.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

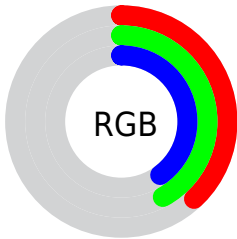
Format	Color
R_{YB}	98, 106, 108
Decimal	6450277
CIE _{Lab}	44.61, -5.29, 2.61
CIE _{LCh}	45, 5.897, 153.712
Yxy	14.2614, 0.3079, 0.3445
Android (android.graphics.Color)	4284640357 (0xFF626C65)
YUV	104.2120, -1.5835, -5.4479
Hunter-Lab	37.7643, -5.8293, 3.8384

Details

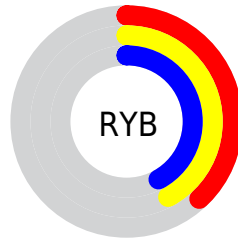
The XYZ color **12.7485, 14.2614, 14.3927** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1023, 12.9437, 15.1731**, and the grayscale version is **13.2200, 13.9085, 15.1464**.

A 20% lighter version of the original color is **30.4601, 33.4528, 34.5574**, and **3.7508, 4.3339, 4.1289** is the 20% darker color. If you saturate the color by 10%, you get **11.3074, 13.5597, 12.4798**, and if you desaturate by 10%, it is **14.3818, 15.0590, 16.4932**.

Distribution



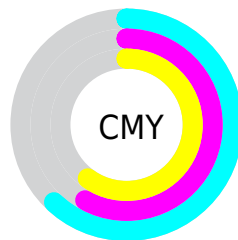
- Red (38%)
- Green (42%)
- Blue (40%)



- Red (38%)
- Yellow (42%)
- Blue (42%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (58%)



- Cyan (62%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.7485, 14.2614, 14.3927 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 12.7485, 14.2614, 14.3927 by changing the saturation by 10% instead.

■ 12.7485, 14.2614,
14.3927

■ 12.7485, 14.2614,
14.3927

202.9698,
218.8510, 231.1731

■ 7.3314, 8.3027,
8.2524

■ 30.4564, 33.5521,
34.5113

■ 3.7184, 4.2892,
4.1668

■ 43.4779, 47.6529,
49.3267

■ 1.5441, 1.8366,
1.7173

■ 59.7649, 65.2366,
67.8710

■ 0.3555, 0.5099,
0.3725

■ 79.6827, 86.6874,
90.5625

■ 0.0000, 0.0000,
0.0000

103.5968,
112.3899, 117.8200

131.8724,

142.7284, 150.0619

164.8750,
178.0873, 187.7067

■ 12.7485, 14.2614,
14.3927

■ 12.7485, 14.2614,
14.3927

■ 11.3074, 13.5597,
12.4798

■ 14.3818, 15.0590,
16.4932

■ 10.0501, 12.9486,
10.7483

■ 16.2128, 15.9541,
18.7851

■ 8.9693, 12.4248,
9.1933

■ 18.2485, 16.9505,
21.2736

■ 8.0570, 11.9841,
7.8092

■ 20.4949, 18.0514,
23.9632

■ 7.3043, 11.6223,
6.5900

■ 22.9579, 19.2596,
26.8584

■ 6.7014, 11.3343,
5.5296

■ 25.6433, 20.5780,
29.9633

■ 6.2377, 11.1149,
4.6213

■ 28.5564, 22.0094,
33.2821

■ 5.9008, 10.9578,
3.8579

■ 31.7025, 23.5562,
36.8189

■ 5.6467, 10.8404,
3.2304

■ 35.0867, 25.2212,
40.5775

Harmonies

Analogous

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



13.0519, 14.2614, 13.4423



12.7485, 14.2614, 14.3927



12.6594, 14.2614, 15.6991

Triad

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



12.7485, 14.2614, 14.3927



13.6146, 14.2614, 18.3024



14.3331, 14.2614, 14.1142

Complementary

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



12.7485, 14.2614, 14.3927



13.1023, 12.9437, 15.1731

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.



14.4919, 14.2614, 15.3586



12.7485, 14.2614, 14.3927



14.0710, 14.2614, 17.8195

Square

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



12.7485, 14.2614, 14.3927



13.1525, 14.2614, 18.0068



14.3949, 14.2614, 16.7220



13.9657, 14.2614, 13.2883

Rectangle

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



12.7485, 14.2614, 14.3927



12.7318, 14.2614, 16.6097



14.3949, 14.2614, 16.7220



14.4130, 14.2614, 14.4948

Sweetspot

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



12.7489, 14.2620, 14.3930



24.1121, 25.8820, 27.5065



13.4130, 14.6211, 13.6706



5.7874, 6.2408, 6.5952



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.



12.7489, 14.2620, 14.3930



21.8387, 24.7729, 24.5568



12.9929, 14.3596, 15.6778



3.0979, 3.4583, 3.4994



6.7024, 12.9151, 3.7442



33.8089, 65.6707, 17.2724

Inverse Universe

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



13.1023, 12.9437, 15.1731



22.5857, 21.9864, 26.2054



12.8608, 12.8471, 13.9011



3.1808, 3.1492, 3.6824



8.9038, 4.4137, 8.3880



44.9723, 22.3309, 40.6523

Previews

White Background



This preview shows how the XYZ color 12.7485, 14.2614, 14.3927 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 12.7485, 14.2614, 14.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

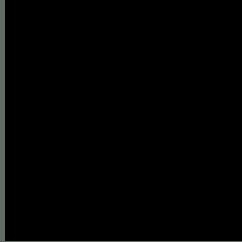
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.7485, 14.2614, 14.3927

Background



This preview shows how black text looks on a background with the XYZ color 12.7485, 14.2614, 14.3927.



This preview shows how white text looks on a background with the XYZ color 12.7485, 14.2614,

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

12.7485, 14.2614, 14.3927

Protanopia

13.6104, 14.2552, 13.8386

Deuteranopia

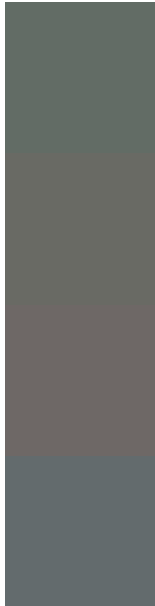
14.4858, 14.2440, 14.5562



Tritanopia

13.4468, 14.2323, 17.9580

Trichromacy



Original Color

12.7485, 14.2614, 14.3927

Protanomaly

13.2800, 14.2314, 14.1036

Deuteranomaly

13.7790, 14.1749, 14.5802

Tritanomaly

13.1636, 14.2722, 16.5290

Monochromacy



Original Color

12.7485, 14.2614, 14.3927

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.9792, 13.9072, 14.8322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.7485, 14.2614, 14.3927 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(98, 108, 101) looks like.

```
.text, #text, p{  
    color:rgb(98, 108, 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(98, 108, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 108, 101) }
```

Border

The CSS property to change the border of an element to XYZ 12.7485, 14.2614, 14.3927 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(98, 108, 101) }
```


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

```
.border{ border-color:rgb(98, 108, 101) }
```

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

Here you see how a box with a 4 pixel rgb(98, 108, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 108, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 108, 101);  
box-shadow:4px 4px 4px 4px rgb(98, 108,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 12.7485, 14.2614, 14.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 108, 101) }
```

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

```
.background{ background-color: rgb(98, 108,  
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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