

Converting Colors

XYZ(12.1932, 14.0025, 13.1264)

Have a look what the booklet for
XYZ(12.1932, 14.0025, 13.1264)
contains.

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Color

**XYZ(12.1932, 14.0025,
13.1264)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6C60
RGB	95, 108, 96
RGB Percent	37%, 42%, 38%
CMY	0.6274, 0.5765, 0.6235
CMYK	0.12, 0.00, 0.11, 0.58
HSL	125°, 6%, 40%
HSV	125°, 12%, 42%
XYZ	12.1932, 14.0025, 13.1264
YIQ	102.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

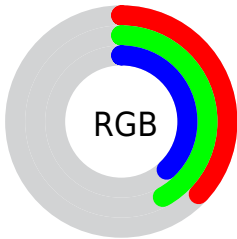
Format	Color
R_{YB}	95, 107, 108
Decimal	6253664
CIE Lab	44.24, -7.47, 5.06
CIE LCh	44, 9.019, 145.904
Yxy	14.0025, 0.3101, 0.3561
Android (android.graphics.Color)	4284443744 (0xFF5F6C60)
YUV	102.7450, -3.3253, -6.7924
Hunter-Lab	37.4199, -7.3210, 5.3958

Details

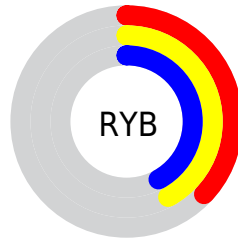
The XYZ color **12.1932, 14.0025, 13.1264** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9309, 12.4345, 15.6292**, and the grayscale version is **12.8343, 13.5027, 14.7044**.

A 20% lighter version of the original color is **29.4405, 32.9826, 32.0087**, and **3.5111, 4.2207, 3.6472** is the 20% darker color. If you saturate the color by 10%, you get **10.7179, 13.2921, 10.8114**, and if you desaturate by 10%, it is **13.8831, 14.8176, 15.7560**.

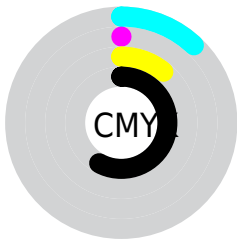
Distribution



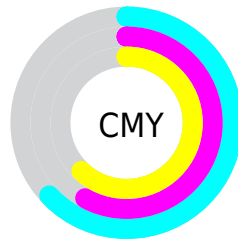
- Red (37%)
- Green (42%)
- Blue (38%)



- Red (37%)
- Yellow (42%)
- Blue (42%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (58%)



- Cyan (63%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1932, 14.0025, 13.1264 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 12.1932, 14.0025, 13.1264 by changing the saturation by 10% instead.

■ 12.1932, 14.0025,
13.1264

■ 12.1932, 14.0025,
13.1264

199.4241,
217.2464, 222.9624

■ 6.9485, 8.1224,
7.3839

■ 29.4603, 33.0935,
32.2252

■ 3.4760, 4.1734,
3.6213

■ 42.2135, 47.0731,
46.4186

■ 1.4102, 1.7710,
1.4200

■ 58.2001, 64.5214,
64.2660

■ 0.2635, 0.4690,
0.1572

■ 77.7857, 85.8228,
86.1859

■ 0.0000, 0.0000,
0.0000

101.3355,
111.3615, 112.5970

129.2150,

141.5221, 143.9178

161.7894,
176.6889, 180.5667

■ 12.1932, 14.0025,
13.1264

■ 12.1932, 14.0025,
13.1264

■ 10.7179, 13.2921,
10.8114

■ 13.8831, 14.8176,
15.7560

■ 9.4475, 12.6804,
8.7982

■ 15.7944, 15.7395,
18.7104

■ 8.3733, 12.1637,
7.0749

■ 17.9353, 16.7726,
22.0004

■ 7.4855, 11.7371,
5.6279

■ 20.3129, 17.9203,
25.6362

■ 6.7734, 11.3955,
4.4430

■ 22.9343, 19.1860,
29.6274

■ 6.2253, 11.1331,
3.5045

■ 25.8060, 20.5730,
33.9834

■ 5.8281, 10.9436,
2.7949

■ 28.9346, 22.0844,
38.7129

■ 5.5658, 10.8192,
2.2947

■ 32.3261, 23.7232,
43.8248

■ 5.4083, 10.7438,
2.0272

■ 35.9867, 25.4923,
49.3273

Harmonies

Analogous

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



12.7122, 14.0025, 11.9453



12.1932, 14.0025, 13.1264



11.9730, 14.0025, 14.9644

Triad

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



12.1932, 14.0025, 13.1264



13.2101, 14.0025, 19.5612



14.5959, 14.0025, 13.5761

Complementary

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



12.1932, 14.0025, 13.1264



12.9309, 12.4345, 15.6292

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.



14.7408, 14.0025, 15.5318



12.1932, 14.0025, 13.1264



13.9241, 14.0025, 19.1055

Square

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



12.1932, 14.0025, 13.1264



12.5465, 14.0025, 18.7777



14.4908, 14.0025, 17.5831



14.1016, 14.0025, 12.1881

Rectangle

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



12.1932, 14.0025, 13.1264



12.0192, 14.0025, 16.3609



14.4908, 14.0025, 17.5831



14.6878, 14.0025, 14.1836

Sweetspot

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



12.1936, 14.0031, 13.1267



23.7267, 25.7017, 26.6584



13.5081, 14.6860, 12.9495



5.6974, 6.1990, 6.3818



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.



12.1936, 14.0031, 13.1267



20.7665, 24.2747, 22.0439



12.4988, 14.1252, 14.7341



3.0726, 3.4482, 3.3660



6.4457, 12.8124, 2.3923



32.7080, 65.2303, 11.4750

Inverse Universe

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



12.9309, 12.4345, 15.6292



22.2893, 21.0350, 27.2121



12.6080, 12.3053, 13.9290



3.2080, 3.1601, 3.8257



10.0983, 4.8914, 14.6778



51.3109, 24.8663, 74.0309

Previews

White Background



This preview shows how the XYZ color 12.1932, 14.0025, 13.1264 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 12.1932, 14.0025, 13.1264 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

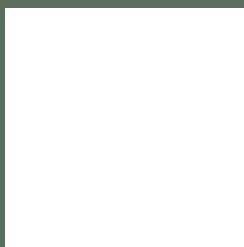
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.1932, 14.0025, 13.1264

Background



This preview shows how black text looks on a background with the XYZ color 12.1932, 14.0025, 13.1264.

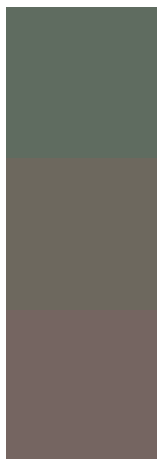


This preview shows how white text looks on a background with the XYZ color 12.1932, 14.0025,

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

12.1932, 14.0025, 13.1264

Protanopia

13.2774, 13.9600, 12.5844

Deuteranopia

14.1475, 13.9523, 13.2567



Tritanopia

13.1258, 13.9147, 17.9136

Trichromacy



Original Color

12.1932, 14.0025, 13.1264

Protanomaly

12.8261, 13.8724, 12.8281

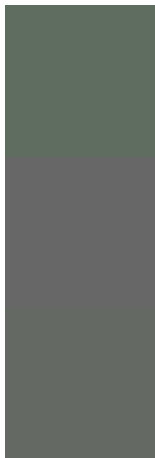
Deuteranomaly

13.4147, 14.0149, 13.3074

Tritanomaly

12.7376, 13.9110, 15.9237

Monochromacy



Original Color

12.1932, 14.0025, 13.1264

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.6074, 13.7326, 14.0428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1932, 14.0025, 13.1264 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(95, 108, 96) looks like.

```
.text, #text, p{  
    color:rgb(95, 108, 96)  
}
```

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(95, 108, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 108, 96) }
```

Border

The CSS property to change the border of an element to XYZ 12.1932, 14.0025, 13.1264 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(95, 108, 96) }
```


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

```
.border{ border-color:rgb(95, 108, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 108, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 108, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 108, 96);  
box-shadow:4px 4px 4px 4px rgb(95, 108,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1932, 14.0025, 13.1264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 108, 96) }
```

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

```
.background{ background-color: rgb(95, 108,  
96) }
```

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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