

Converting Colors

XYZ(12.9210, 14.5922, 17.5233)

Have a look what the booklet for
XYZ(12.9210, 14.5922, 17.5233)
contains.

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Color

**XYZ(12.9142, 14.5970,
17.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6E70
RGB	92, 110, 112
RGB Percent	36%, 43%, 44%
CMY	0.6392, 0.5686, 0.5608
CMYK	0.18, 0.02, 0.00, 0.56
HSL	186°, 10%, 40%
HSV	186°, 18%, 44%
XYZ	12.9142, 14.5970, 17.4661
YIQ	104.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

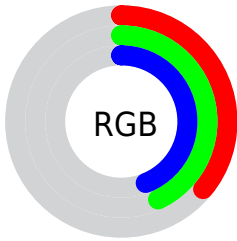
Format	Color
R_{YB}	92, 101, 112
Decimal	6057584
CIE _{Lab}	45.08, -6.22, -3.36
CIE _{LCh}	45, 7.068, 208.421
Yxy	14.5970, 0.2871, 0.3245
Android (android.graphics.Color)	4284247664 (0xFF5C6E70)
YUV	104.8460, 3.5269, -11.2659
Hunter-Lab	38.2060, -6.5249, -0.3605

Details

The XYZ color **12.9142, 14.5970, 17.4661** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6167, 12.2229, 11.8198**, and the grayscale version is **13.3789, 14.0756, 15.3284**.

A 20% lighter version of the original color is **30.9489, 34.3606, 40.1230**, and **3.7748, 4.3963, 5.5001** is the 20% darker color. If you saturate the color by 10%, you get **11.7572, 13.8228, 17.3779**, and if you desaturate by 10%, it is **14.2390, 15.4608, 17.5632**.

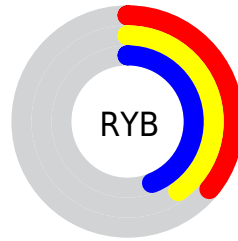
Distribution



Red (36%)

Green (43%)

Blue (44%)



Red (36%)

Yellow (40%)

Blue (44%)

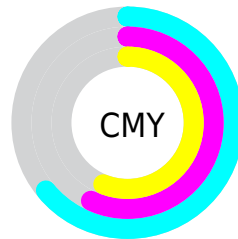


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (56%)



Cyan (64%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.9142, 14.5970, 17.4661 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 12.9142, 14.5970, 17.4661 by changing the saturation by 10% instead.

■ 12.9142, 14.5970,
17.4661

■ 12.9142, 14.5970,
17.4661

204.0158,
220.9138, 249.9785

■ 7.4461, 8.5370,
10.4019

■ 30.7522, 34.1446,
39.9270

■ 3.7914, 4.4405,
5.5572

■ 43.8528, 48.4011,
56.1608

■ 1.5848, 1.9229,
2.5133

■ 60.2282, 66.1585,
76.2882

■ 0.3825, 0.5621,
0.8472

■ 80.2439, 87.8013,
100.7278

■ 0.0000, 0.0000,
0.0000

104.2651,
113.7138, 129.8981

132.6572,

144.2805, 164.2176

165.7857,
179.8857, 204.1049

■ 12.9142, 14.5970,
17.4661

■ 12.9142, 14.5970,
17.4661

■ 11.7572, 13.8228,
17.3779

■ 14.2390, 15.4608,
17.5632

■ 10.7595, 13.1325,
17.2972

■ 15.7372, 16.4158,
17.6686

■ 9.9137, 12.5229,
17.2241

■ 17.4156, 17.4660,
17.7829

■ 9.2115, 11.9895,
17.1582

■ 19.2803, 18.6145,
17.9063

■ 8.6435, 11.5275,
17.0990

■ 21.3370, 19.8644,
18.0391

8.1995, 11.1317,
17.0459

23.5913, 21.2184,
18.1816

7.8675, 10.7958,
16.9986

26.0485, 22.6793,
18.3341

7.6131, 10.5021,
16.9553

28.7139, 24.2498,
18.4968

7.5598, 10.4401,
16.9462

31.5922, 25.9325,
18.6699

Harmonies

Analogous

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



12.7866, 14.5970, 15.8056



12.9142, 14.5970, 17.4661



13.2970, 14.5970, 18.7791

Triad

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



12.9142, 14.5970, 17.4661



14.8480, 14.5970, 17.6293



13.9048, 14.5970, 12.9042

Complementary

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



12.9142, 14.5970, 17.4661



12.6167, 12.2229, 11.8198

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.



14.4675, 14.5970, 13.3200



12.9142, 14.5970, 17.4661



15.0214, 14.5970, 15.9820

Square

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



12.9142, 14.5970, 17.4661



14.4127, 14.5970, 18.8779



14.8802, 14.5970, 14.4185



13.3489, 14.5970, 13.2418

Rectangle

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



12.9142, 14.5970, 17.4661



13.6509, 14.5970, 19.2397



14.8802, 14.5970, 14.4185



14.0995, 14.5970, 12.9599

Sweetspot

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



12.9146, 14.5976, 17.4664



25.7008, 27.6015, 30.9028



12.2135, 14.6661, 12.6989



6.1411, 6.6097, 7.4219



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



12.9146, 14.5976, 17.4664



21.9030, 25.1235, 30.6247



11.9278, 12.6239, 17.1375



3.4479, 3.7610, 4.2984



8.7303, 12.0508, 19.5875



43.1320, 59.3158, 97.4549

Inverse Universe

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



13.3241, 12.2252, 16.4099



22.7548, 20.2355, 28.4159



13.5310, 14.0514, 12.1246



3.5007, 3.4480, 4.1636



10.4250, 5.0624, 14.5796



51.7510, 25.1457, 71.6780

Previews

White Background



This preview shows how the XYZ color 12.9142, 14.5970, 17.4661 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 12.9142, 14.5970, 17.4661 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

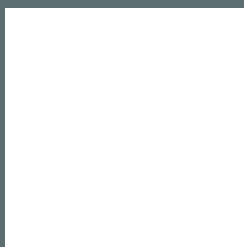
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.9142, 14.5970, 17.4661

Background



This preview shows how black text looks on a background with the XYZ color 12.9142, 14.5970, 17.4661.



This preview shows how white text looks on a background with the XYZ color 12.9142, 14.5970,

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

12.9142, 14.5970, 17.4661

Protanopia

14.0319, 14.5597, 16.8226

Deuteranopia

14.7703, 14.4702, 17.6373



Tritanopia

13.2529, 14.5724, 19.2538

Trichromacy



Original Color

12.9142, 14.5970, 17.4661

Protanomaly

13.6064, 14.4879, 17.1182

Deuteranomaly

14.0785, 14.5645, 17.6920

Tritanomaly

13.1352, 14.5254, 18.6344

Monochromacy



Original Color

12.9142, 14.5970, 17.4661

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2200, 14.3074, 16.2522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.9142, 14.5970, 17.4661 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(92, 110, 112) looks like.

```
.text, #text, p{  
    color:rgb(92, 110, 112)  
}
```

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(92, 110, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 110, 112) }
```

Border

The CSS property to change the border of an element to XYZ 12.9142, 14.5970, 17.4661 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(92, 110, 112) }
```


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

```
.border{ border-color:rgb(92, 110, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 110, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 110, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 110, 112);  
box-shadow:4px 4px 4px 4px rgb(92, 110,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 12.9142, 14.5970, 17.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 110, 112) }
```

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

```
.background{ background-color: rgb(92, 110,  
112) }
```

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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