

Converting Colors

XYZ(10.7330, 14.6915, 7.3639)

Have a look what the booklet for
XYZ(10.7330, 14.6915, 7.3639)
contains.

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Color

**XYZ(10.7084, 14.6780,
7.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	527442
RGB	82, 116, 66
RGB Percent	32%, 45%, 26%
CMY	0.6784, 0.5451, 0.7412
CMYK	0.29, 0.00, 0.43, 0.55
HSL	101°, 27%, 36%
HSV	101°, 43%, 45%
XYZ	10.7084, 14.6780, 7.4230
YIQ	100.1340, -4.2140, -22.7580

Conversions

Conversions Part 2

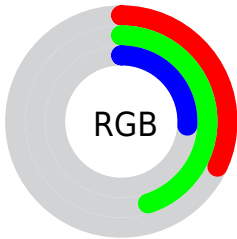
Format	Color
RYB	66, 116, 100
Decimal	5403714
CIELab	45.19, -22.26, 23.80
CIElCh	45, 32.586, 133.089
Yxy	14.6780, 0.3264, 0.4474
Android (android.graphics.Color)	4283593794 (0xFF527442)
YUV	100.1340, -16.8281, -15.9035
Hunter-Lab	38.3119, -17.1540, 15.3308

Details

The XYZ color **10.7084, 14.6780, 7.4230** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.3569, 7.8672, 17.4965**, and the grayscale version is **12.1900, 12.8248, 13.9663**.

A 20% lighter version of the original color is **26.7700, 34.2296, 21.4157**, and **2.8622, 4.5285, 1.4327** is the 20% darker color. If you saturate the color by 10%, you get **9.7536, 14.2218, 5.7706**, and if you desaturate by 10%, it is **11.8122, 15.2039, 9.4452**.

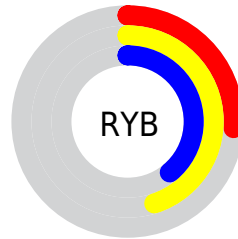
Distribution



Red (32%)

Green (45%)

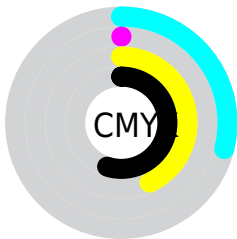
Blue (26%)



Red (26%)

Yellow (45%)

Blue (39%)

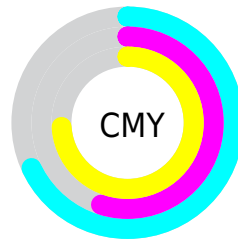


Cyan (29%)

Magenta (0%)

Yellow (43%)

Black (55%)



Cyan (68%)

Magenta (55%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7084, 14.6780, 7.4230 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 10.7084, 14.6780, 7.4230 by changing the saturation by 10% instead.

10.7084, 14.6780,
7.4230

10.7084, 14.6780,
7.4230

189.6058,
221.4089, 180.8958

5.9370, 8.5937,
3.6456

26.7574, 34.2873,
21.3464

2.8471, 4.4771,
1.4330

38.7657, 48.5811,
32.3296

1.0734, 1.9439,
0.1673

53.9170, 66.3802,
46.5517

0.0027, 0.5746,
0.0000

72.5767, 88.0690,
64.4313

0.0000, 0.0000,
0.0000

95.1100, 114.0318,
86.3870

121.8824,

144.6532, 112.8372

153.2592,
180.3174, 144.2007

■ 10.7084, 14.6780,
7.4230

■ 10.7084, 14.6780,
7.4230

■ 9.7536, 14.2218,
5.7706

■ 11.8122, 15.2039,
9.4452

■ 8.9399, 13.8304,
4.4647

■ 13.0704, 15.8004,
11.8566

■ 8.2601, 13.5010,
3.4808

■ 14.4892, 16.4709,
14.6767

■ 7.7059, 13.2300,
2.7908

■ 16.0744, 17.2179,
17.9232

■ 7.2673, 13.0130,
2.3585

■ 17.8314, 18.0438,
21.6127

■ 7.0128, 12.8869,
2.1178

■ 19.7653, 18.9509,
25.7611

■ 21.8809, 19.9415,
30.3834

■ 24.1831, 21.0175,
35.4939

■ 26.6763, 22.1812,
41.1063

Harmonies

Analogous

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



12.8125, 14.6780, 5.4620



10.7084, 14.6780, 7.4230



9.5655, 14.6780, 12.0495

Triad

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



10.7084, 14.6780, 7.4230



12.5002, 14.6780, 34.7497



19.6179, 14.6780, 12.8574

Complementary

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



10.7084, 14.6780, 7.4230



10.3569, 7.8672, 17.4965

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.



19.5060, 14.6780, 20.6883



10.7084, 14.6780, 7.4230



15.1550, 14.6780, 35.1806

Square

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



10.7084, 14.6780, 7.4230



10.5052, 14.6780, 28.3828



17.7898, 14.6780, 29.4197



18.0782, 14.6780, 7.8499

Rectangle

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



10.7084, 14.6780, 7.4230



9.3985, 14.6780, 16.7931



17.7898, 14.6780, 29.4197



19.7775, 14.6780, 15.1972

Sweetspot

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



10.7088, 14.6786, 7.4233



25.4087, 28.9233, 25.6778



12.6800, 13.0940, 7.0136



5.9481, 6.8465, 5.8974



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.7088, 14.6786, 7.4233



17.1112, 24.9823, 10.0881



9.7399, 14.1487, 8.7555



3.7408, 4.1498, 3.9461



7.8516, 14.4520, 2.3757



37.4591, 70.0126, 11.5395

Inverse Universe

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



10.3569, 7.8672, 17.4965



16.3914, 11.2708, 30.3561



11.8403, 8.6855, 15.1477



3.7181, 3.7020, 4.6088



7.1260, 3.2649, 18.7972



33.8051, 15.4357, 91.5579

Previews

White Background



This preview shows how the XYZ color 10.7084, 14.6780, 7.4230 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 10.7084, 14.6780, 7.4230 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 10.7084, 14.6780, 7.4230

Background



This preview shows how black text looks on a background with the XYZ color 10.7084, 14.6780, 7.4230.



This preview shows how white text looks on a background with the XYZ color 10.7084, 14.6780,

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

10.7084, 14.6780, 7.4230

Protanopia

13.4910, 14.6562, 6.8205

Deuteranopia

14.7276, 14.5216, 7.6569



Tritanopia

13.1222, 14.6574, 19.5903

Trichromacy



Original Color

10.7084, 14.6780, 7.4230

Protanomaly

12.2103, 14.4651, 6.9990

Deuteranomaly

12.8566, 14.3123, 7.5538

Tritanomaly

12.0249, 14.5347, 14.2283

Monochromacy



Original Color

10.7084, 14.6780, 7.4230

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.4297, 13.3398, 11.2049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7084, 14.6780, 7.4230 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, 116, 66)` looks like.

```
.text, #text, p{  
    color:rgb(82, 116, 66)  
}
```

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, 116, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 116, 66) }
```

Border

The CSS property to change the border of an element to XYZ 10.7084, 14.6780, 7.4230 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, 116, 66) }
```


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

```
.border{ border-color:rgb(82, 116, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 116, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 116, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 116, 66);  
box-shadow:4px 4px 4px 4px rgb(82, 116,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7084, 14.6780, 7.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 116, 66) }
```

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

```
.background{ background-color: rgb(82, 116,  
66) }
```

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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