

Converting Colors

XYZ(14.5289, 18.2240, 7.0030)

Have a look what the booklet for
XYZ(14.5289, 18.2240, 7.0030)
contains.

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Color

**XYZ(14.5796, 18.3085,
7.0404)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7D3C
RGB	110, 125, 60
RGB Percent	43%, 49%, 24%
CMY	0.5686, 0.5098, 0.7647
CMYK	0.12, 0.00, 0.52, 0.51
HSL	74°, 35%, 36%
HSV	74°, 52%, 49%
XYZ	14.5796, 18.3085, 7.0404
YIQ	113.1050, 11.9250, -23.3950

Conversions

Conversions Part 2

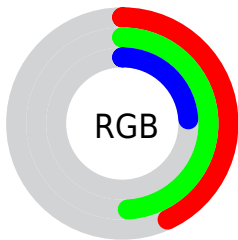
Format	Color
RYB	60, 125, 75
Decimal	7241020
CIELab	49.87, -16.26, 33.29
CIELCh	50, 37.051, 116.033
Yxy	18.3085, 0.3651, 0.4585
Android (android.graphics.Color)	4285431100 (0xFF6E7D3C)
YUV	113.1050, -26.1808, -2.7231
Hunter-Lab	42.7884, -14.0582, 20.1963

Details

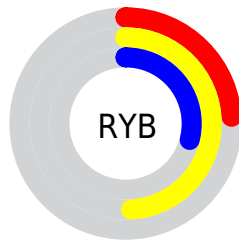
The XYZ color **14.5796, 18.3085, 7.0404** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.2199, 6.2087, 20.1683**, and the grayscale version is **15.8004, 16.6233, 18.1027**.

A 20% lighter version of the original color is **33.7850, 40.7314, 20.5493**, and **4.5143, 6.1561, 1.2981** is the 20% darker color. If you saturate the color by 10%, you get **13.9344, 18.0103, 5.4846**, and if you desaturate by 10%, it is **15.3154, 18.6456, 9.0089**.

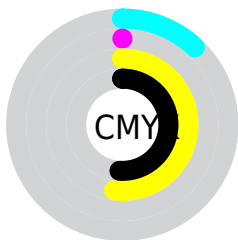
Distribution



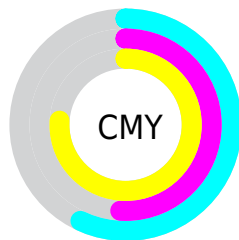
- Red (43%)
- Green (49%)
- Blue (24%)



- Red (24%)
- Yellow (49%)
- Blue (29%)



- Cyan (12%)
- Magenta (0%)
- Yellow (52%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5796, 18.3085, 7.0404 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 14.5796, 18.3085, 7.0404 by changing the saturation by 10% instead.

14.5796, 18.3085,
7.0404

14.5796, 18.3085,
7.0404

214.2466,
242.6042, 177.6426

8.6093, 11.1717,
3.4085

33.6917, 40.5623,
20.5687

4.5423, 6.1824,
1.3068

47.5642, 56.4481,
31.3022

2.0133, 2.9563,
0.0674

64.8014, 76.0190,
45.2400

0.6414, 1.1090,
0.0000

85.7688, 99.6594,
62.8007

0.0000, 0.0000,
0.0000

110.8317,
127.7538, 84.4028

140.3553,

160.6864, 110.4647

174.7052,
198.8418, 141.4052

■ 14.5796, 18.3085,
7.0404

■ 14.5796, 18.3085,
7.0404

■ 13.9344, 18.0103,
5.4846

■ 15.3154, 18.6456,
9.0089

■ 13.3729, 17.7462,
4.3107

■ 16.1458, 19.0213,
11.4153

■ 12.8891, 17.5145,
3.4859

■ 17.0758, 19.4382,
14.2845

■ 12.4754, 17.3122,
2.9712

■ 18.1099, 19.8981,
17.6389

■ 12.1737, 17.1630,
2.6712

■ 19.2521, 20.4027,
21.4997

■ 20.5064, 20.9535,
25.8866

■ 21.8763, 21.5520,
30.8185

■ 23.3655, 22.1996,
36.3131

■ 24.9771, 22.8976,
42.3876

Harmonies

Analogous

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



17.8772, 18.3085, 6.1181



14.5796, 18.3085, 7.0404



12.3409, 18.3085, 10.9000

Triad

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



14.5796, 18.3085, 7.0404



13.8661, 18.3085, 40.8901



25.1213, 18.3085, 21.3153

Complementary

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



14.5796, 18.3085, 7.0404



8.2199, 6.2087, 20.1683

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.



23.6855, 18.3085, 32.9438



14.5796, 18.3085, 7.0404



16.9346, 18.3085, 46.4217

Square

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



14.5796, 18.3085, 7.0404



11.9699, 18.3085, 29.7829



20.5663, 18.3085, 43.1080



24.2691, 18.3085, 12.5392

Rectangle

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



14.5796, 18.3085, 7.0404



11.5923, 18.3085, 15.5867



20.5663, 18.3085, 43.1080



24.8856, 18.3085, 25.0246

Sweetspot

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



14.5800, 18.3093, 7.0408



31.5928, 35.2596, 28.8407



11.7281, 9.5955, 5.5092



7.1171, 7.9895, 6.3361



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.5800, 18.3093, 7.0408



24.7917, 32.1754, 9.4635



11.3260, 16.6318, 6.8885



4.5714, 4.9710, 4.6387



12.6987, 17.9088, 2.7875



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.2199, 6.2087, 20.1683



12.1324, 8.0472, 35.6582



11.3316, 7.8129, 20.3140



4.1946, 4.2559, 5.4137



4.3824, 1.8129, 20.3689



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5796, 18.3085, 7.0404 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 14.5796, 18.3085, 7.0404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

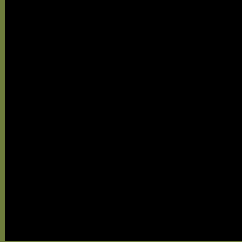
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.5796, 18.3085, 7.0404

Background



This preview shows how black text looks on a background with the XYZ color 14.5796, 18.3085, 7.0404.



This preview shows how white text looks on a background with the XYZ color 14.5796, 18.3085,

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

14.5796, 18.3085, 7.0404

Protanopia

16.7206, 18.3244, 6.6587

Deuteranopia

18.4794, 18.1889, 7.2395



Tritanopia

17.7804, 18.3407, 22.6817

Trichromacy



Original Color

14.5796, 18.3085, 7.0404

Protanomaly

15.7952, 18.2015, 6.8184

Deuteranomaly

16.7465, 17.9759, 7.1445

Tritanomaly

16.3558, 18.2989, 15.5020

Monochromacy



Original Color

14.5796, 18.3085, 7.0404

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0638, 16.9755, 13.0723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5796, 18.3085, 7.0404 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(110, 125, 60)` looks like.

```
.text, #text, p{  
    color:rgb(110, 125, 60)  
}
```

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(110, 125, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 125, 60) }
```

Border

The CSS property to change the border of an element to XYZ 14.5796, 18.3085, 7.0404 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(110, 125, 60) }
```


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

```
.border{ border-color:rgb(110, 125, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 125, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 125, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 125, 60);  
box-shadow:4px 4px 4px 4px rgb(110, 125,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5796, 18.3085, 7.0404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 125, 60) }
```

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

```
.background{ background-color: rgb(110,  
125, 60) }
```

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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