

Converting Colors

XYZ(14.7243, 17.6341, 10.7308)

Have a look what the booklet for
XYZ(14.7243, 17.6341, 10.7308)
contains.

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Color

**XYZ(14.7054, 17.5505,
10.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7953
RGB	109, 121, 83
RGB Percent	43%, 47%, 33%
CMY	0.5725, 0.5255, 0.6745
CMYK	0.10, 0.00, 0.31, 0.53
HSL	79°, 19%, 40%
HSV	79°, 31%, 47%
XYZ	14.7054, 17.5505, 10.7961
YIQ	113.0800, 5.0460, -14.3620

Conversions

Conversions Part 2

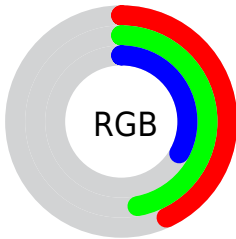
Format	Color
R_{YB}	83, 121, 95
Decimal	7174483
CIE _{Lab}	48.95, -11.52, 19.41
CIE _{LCh}	49, 22.569, 120.693
Yxy	17.5505, 0.3416, 0.4077
Android (android.graphics.Color)	4285364563 (0xFF6D7953)
YUV	113.0800, -14.8294, -3.5782
Hunter-Lab	41.8933, -10.6562, 14.0460

Details

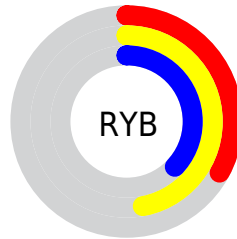
The XYZ color **14.7054, 17.5505, 10.7961** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.2644, 10.0003, 19.4267**, and the grayscale version is **15.7617, 16.5826, 18.0584**.

A 20% lighter version of the original color is **33.8752, 39.1577, 27.9631**, and **4.5758, 5.7604, 2.6210** is the 20% darker color. If you saturate the color by 10%, you get **13.8186, 17.1432, 8.5252**, and if you desaturate by 10%, it is **15.6951, 18.0025, 13.4982**.

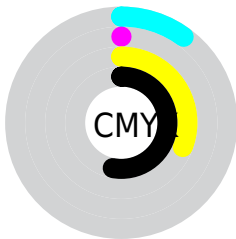
Distribution



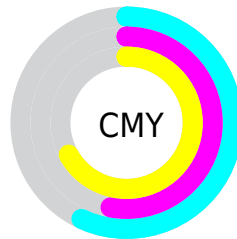
- Red (43%)
- Green (47%)
- Blue (33%)



- Red (33%)
- Yellow (47%)
- Blue (37%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7054, 17.5505, 10.7961 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 14.7054, 17.5505, 10.7961 by changing the saturation by 10% instead.

■ 14.7054, 17.5505,
10.7961

■ 14.7054, 17.5505,
10.7961

215.0000,
238.3251, 206.9503

■ 8.6979, 10.6278,
5.8175

■ 33.9114, 39.2699,
27.9134

■ 4.6002, 5.8171,
2.6674

■ 47.8407, 54.8353,
40.8891

■ 2.0470, 2.7342,
0.9270

■ 65.1411, 74.0504,
57.3675

■ 0.6601, 0.9946,
0.0000

■ 86.1782, 97.2996,
77.7673

■ 0.0000, 0.0000,
0.0000

■ 111.3173,
124.9673, 102.5069

140.9238,

157.4378, 132.0049

175.3629,
195.0956, 166.6799

■ 14.7054, 17.5505,
10.7961

■ 14.7054, 17.5505,
10.7961

■ 13.8186, 17.1432,
8.5252

■ 15.6951, 18.0025,
13.4982

■ 13.0289, 16.7765,
6.6621

■ 16.7906, 18.4986,
16.6512

■ 12.3318, 16.4492,
5.1828

■ 17.9962, 19.0411,
20.2748

■ 11.7220, 16.1590,
4.0603

■ 19.3156, 19.6316,
24.3872

■ 11.1933, 15.9036,
3.2643

■ 20.7524, 20.2716,
29.0057

■ 10.7389, 15.6800,
2.7592

■ 22.3099, 20.9623,
34.1467

■ 10.3861, 15.5047,
2.4453

■ 23.9912, 21.7052,
39.8260

■ 25.7996, 22.5013,
46.0585

■ 27.7379, 23.3521,
52.8587

Harmonies

Analogous

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



16.6325, 17.5505, 9.7278



14.7054, 17.5505, 10.7961



13.4046, 17.5505, 13.9933

Triad

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



14.7054, 17.5505, 10.7961



14.7833, 17.5505, 31.0600



21.0494, 17.5505, 18.9700

Complementary

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



14.7054, 17.5505, 10.7961



11.2644, 10.0003, 19.4267

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.



20.4525, 17.5505, 25.3417



14.7054, 17.5505, 10.7961



16.7301, 17.5505, 33.1483

Square

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



14.7054, 17.5505, 10.7961



13.4468, 17.5505, 25.6351



18.8265, 17.5505, 30.8671



20.3967, 17.5505, 13.7975

Rectangle

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



14.7054, 17.5505, 10.7961



13.0081, 17.5505, 17.3011



18.8265, 17.5505, 30.8671



20.9878, 17.5505, 21.0397

Sweetspot

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



14.7058, 17.5513, 10.7965



30.5196, 33.3289, 31.1585



13.4855, 12.7667, 9.9373



6.9210, 7.5948, 6.9544



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.7058, 17.5513, 10.7965



25.1179, 30.8698, 16.1953



12.6743, 16.5040, 10.7014



4.1905, 4.5735, 4.2864



11.1179, 16.6087, 2.6198



52.1227, 78.7557, 12.4542

Inverse Universe

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



11.2644, 10.0003, 19.4267



17.8856, 14.9933, 34.3442



13.4067, 11.1047, 19.5270



3.9058, 3.9493, 4.9996



4.5529, 1.9198, 19.5159



20.9279, 8.7508, 93.0558

Previews

White Background



This preview shows how the XYZ color 14.7054, 17.5505, 10.7961 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 14.7054, 17.5505, 10.7961 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 14.7054, 17.5505, 10.7961

Background



This preview shows how black text looks on a background with the XYZ color 14.7054, 17.5505, 10.7961.



This preview shows how white text looks on a background with the XYZ color 14.7054, 17.5505,

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

14.7054, 17.5505, 10.7961

Protanopia

16.1880, 17.4448, 10.2986

Deuteranopia

17.6407, 17.3431, 11.0121



Tritanopia

17.0173, 17.6163, 21.9054

Trichromacy



Original Color

14.7054, 17.5505, 10.7961

Protanomaly

15.6092, 17.4880, 10.5355

Deuteranomaly

16.4834, 17.4136, 10.8799

Tritanomaly

16.1030, 17.5934, 17.2990

Monochromacy



Original Color

14.7054, 17.5505, 10.7961

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3258, 16.8948, 15.0236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7054, 17.5505, 10.7961 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(109, 121, 83)` looks like.

```
.text, #text, p{  
    color:rgb(109, 121, 83)  
}
```

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(109, 121, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 121, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.7054, 17.5505, 10.7961 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(109, 121, 83) }
```


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

```
.border{ border-color:rgb(109, 121, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 121, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 121, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 121, 83);  
box-shadow:4px 4px 4px 4px rgb(109, 121,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7054, 17.5505, 10.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 121, 83) }
```

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

```
.background{ background-color: rgb(109,  
121, 83) }
```

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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