

Converting Colors

XYZ(14.7091, 12.7723, 6.8443)

Have a look what the booklet for
XYZ(14.7091, 12.7723, 6.8443)
contains.

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Color

**XYZ(14.7091, 12.7723,
6.8443)**

Conversions

Conversions Part 1

Format	Color
Hex	885942
RGB	136, 89, 66
RGB Percent	53%, 35%, 26%
CMY	0.4667, 0.6510, 0.7412
CMYK	0.00, 0.35, 0.51, 0.47
HSL	20°, 35%, 40%
HSV	20°, 51%, 53%
XYZ	14.7091, 12.7723, 6.8443
YIQ	100.4310, 35.3950, 2.8110

Conversions

Conversions Part 2

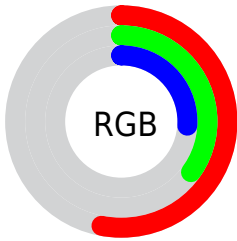
Format	Color
R_{YB}	136, 100, 66
Decimal	8935746
CIE _{Lab}	42.42, 16.64, 21.20
CIE _{LCh}	42, 26.950, 51.869
Yxy	12.7723, 0.4285, 0.3721
Android (android.graphics.Color)	4287125826 (0xFF885942)
YUV	100.4310, -16.9745, 31.1940
Hunter-Lab	35.7384, 10.9244, 13.6621

Details

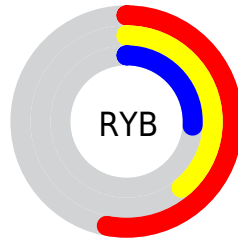
The XYZ color **14.7091, 12.7723, 6.8443** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.5956, 14.7456, 25.4749**, and the grayscale version is **12.2593, 12.8978, 14.0457**.

A 20% lighter version of the original color is **33.7557, 30.7565, 20.0771**, and **4.5858, 3.6286, 1.2693** is the 20% darker color. If you saturate the color by 10%, you get **13.6416, 11.2045, 4.7400**, and if you desaturate by 10%, it is **15.9669, 14.5681, 9.4827**.

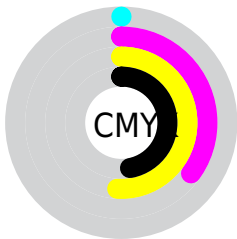
Distribution



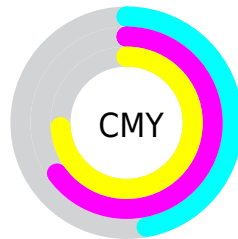
- Red (53%)
- Green (35%)
- Blue (26%)



- Red (53%)
- Yellow (39%)
- Blue (26%)



- Cyan (0%)
- Magenta (35%)
- Yellow (51%)
- Black (47%)



- Cyan (47%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7091, 12.7723, 6.8443 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 14.7091, 12.7723, 6.8443 by changing the saturation by 10% instead.

■ 14.7091, 12.7723,
6.8443

■ 14.7091, 12.7723,
6.8443

215.0221,
209.4532, 175.9452

■ 8.7005, 7.2719,
3.2879

■ 33.9179, 30.8941,
20.1668

■ 4.6019, 3.6327,
1.2435

■ 47.8488, 44.2843,
30.7700

■ 2.0479, 1.4703,
0.0148

■ 65.1511, 61.0733,
44.5593

■ 0.6607, 0.2677,
0.0000

■ 86.1903, 81.6454,
61.9532

■ 0.0000, 0.0000,
0.0000

■ 111.3316,
106.3851, 83.3701

■ 140.9404,

135.6767, 109.2288

175.3822,
169.9046, 139.9476

■ 14.7091, 12.7723,
6.8443

■ 14.7091, 12.7723,
6.8443

■ 13.6416, 11.2045,
4.7400

■ 15.9669, 14.5681,
9.4827

■ 12.7531, 9.8531,
3.1319

■ 17.4234, 16.5989,
12.6882

■ 12.0325, 8.7084,
1.9778

■ 19.0879, 18.8739,
16.4921

■ 11.4668, 7.7589,
1.2284

■ 20.9684, 21.4011,
20.9228

■ 11.0800, 7.0875,
0.7841

■ 23.0728, 24.1881,
26.0073

■ 25.4084, 27.2423,
31.7708

■ 27.9822, 30.5707,
38.2371

■ 30.8009, 34.1800,
45.4290

■ 33.8710, 38.0768,
53.3683

Harmonies

Analogous

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



16.1283, 12.7723, 10.1494



14.7091, 12.7723, 6.8443



12.6994, 12.7723, 5.5245

Triad

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



14.7091, 12.7723, 6.8443



8.6754, 12.7723, 12.3869



13.6502, 12.7723, 27.0525

Complementary

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



14.7091, 12.7723, 6.8443



12.5956, 14.7456, 25.4749

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.



11.5967, 12.7723, 28.1438



14.7091, 12.7723, 6.8443



8.8697, 12.7723, 18.4932

Square

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



14.7091, 12.7723, 6.8443



9.3245, 12.7723, 8.0900



9.8884, 12.7723, 24.6658



15.4712, 12.7723, 22.0015

Rectangle

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



14.7091, 12.7723, 6.8443



11.3555, 12.7723, 5.5931



9.8884, 12.7723, 24.6658



12.9591, 12.7723, 27.9420

Sweetspot

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



14.7094, 12.7729, 6.8445



35.6288, 35.9444, 33.7278



15.1294, 10.3419, 17.0688



8.1101, 8.1347, 7.4782



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.7094, 12.7729, 6.8445



23.7235, 19.2705, 7.7576



18.2404, 19.8350, 8.0216



5.1584, 5.2996, 5.3035



10.4947, 6.7238, 0.7447



0.0820, 0.0693, 0.0091

Inverse Universe

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



12.5956, 14.7456, 25.4749



19.5298, 23.1070, 44.4791



9.4748, 8.5039, 24.4346



5.0367, 5.4162, 6.3858



7.7806, 8.8315, 23.3403



0.0651, 0.0855, 0.1595

Previews

White Background



This preview shows how the XYZ color 14.7091, 12.7723, 6.8443 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 14.7091, 12.7723, 6.8443 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 14.7091, 12.7723, 6.8443

Background



This preview shows how black text looks on a background with the XYZ color 14.7091, 12.7723, 6.8443.



This preview shows how white text looks on a background with the XYZ color 14.7091, 12.7723,

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

14.7091, 12.7723, 6.8443

Protanopia

11.8788, 12.7574, 7.7976

Deuteranopia

13.0222, 12.8123, 6.7877



Tritanopia

15.7408, 12.8316, 11.7723

Trichromacy



Original Color

14.7091, 12.7723, 6.8443

Protanomaly

12.7283, 12.6470, 7.4005

Deuteranomaly

13.4727, 12.6460, 6.7319

Tritanomaly

15.2861, 12.7593, 9.8407

Monochromacy



Original Color

14.7091, 12.7723, 6.8443

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.7544, 12.5810, 10.9887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7091, 12.7723, 6.8443 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(136, 89, 66)` looks like.

```
.text, #text, p{  
    color:rgb(136, 89, 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(136, 89, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 89, 66) }
```

Border

The CSS property to change the border of an element to XYZ 14.7091, 12.7723, 6.8443 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(136, 89, 66) }
```


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

```
.border{ border-color:rgb(136, 89, 66) }
```

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

Here you see how a box with a 4 pixel rgb(136, 89, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 89, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 89, 66);  
box-shadow:4px 4px 4px 4px rgb(136, 89,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7091, 12.7723, 6.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 89, 66) }
```

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

```
.background{ background-color: rgb(136, 89,  
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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