

Converting Colors

XYZ(14.7761, 13.0504, 7.2090)

Have a look what the booklet for
XYZ(14.7761, 13.0504, 7.2090)
contains.

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Color

**XYZ(14.7761, 13.0504,
7.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	875B44
RGB	135, 91, 68
RGB Percent	53%, 36%, 27%
CMY	0.4706, 0.6431, 0.7333
CMYK	0.00, 0.33, 0.50, 0.47
HSL	21°, 33%, 40%
HSV	21°, 50%, 53%
XYZ	14.7761, 13.0504, 7.2090
YIQ	101.5340, 33.6070, 2.1750

Conversions

Conversions Part 2

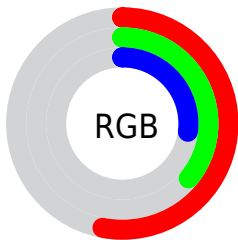
Format	Color
R_{YB}	135, 103, 68
Decimal	8870724
CIE _{Lab}	42.84, 15.23, 20.54
CIE _{LCh}	43, 25.570, 53.433
Yxy	13.0504, 0.4217, 0.3725
Android (android.graphics.Color)	4287060804 (0xFF875B44)
YUV	101.5340, -16.5323, 29.3497
Hunter-Lab	36.1253, 9.7913, 13.4561

Details

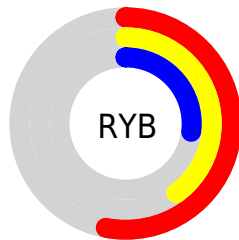
The XYZ color **14.7761, 13.0504, 7.2090** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.5509, 14.5658, 25.0715**, and the grayscale version is **12.5437, 13.1969, 14.3714**.

A 20% lighter version of the original color is **33.9125, 31.2579, 20.7690**, and **4.6705, 3.7817, 1.3479** is the 20% darker color. If you saturate the color by 10%, you get **13.6971, 11.4775, 5.0455**, and if you desaturate by 10%, it is **16.0402, 14.8417, 9.9027**.

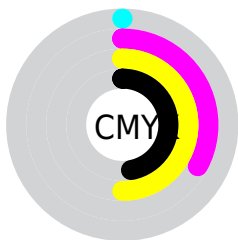
Distribution



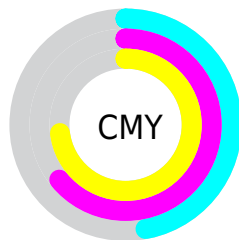
- Red (53%)
- Green (36%)
- Blue (27%)



- Red (53%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (50%)
- Black (47%)





- Cyan (47%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7761, 13.0504, 7.2090 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 14.7761, 13.0504, 7.2090 by changing the saturation by 10% instead.


 14.7761, 13.0504,
7.2090


 14.7761, 13.0504,
7.2090


215.4223,
211.2404, 179.0855


 8.7477, 7.4633,
3.5127


 34.0348, 31.3943,
20.9124


 4.6328, 3.7535,
1.3620

 47.9958, 44.9199,
31.7567


 2.0660, 1.5366,
0.1118

 65.3317, 61.8603,
45.8207

 0.6706, 0.3143,
0.0000

 86.4079, 82.6001,
63.5229

 0.0000, 0.0000,
0.0000

 111.5897,
107.5236, 85.2820

141.2425,

137.0153, 111.5164

175.7316,
171.4594, 142.6447

■ 14.7761, 13.0504,
7.2090

■ 14.7761, 13.0504,
7.2090

■ 13.6971, 11.4775,
5.0455

■ 16.0402, 14.8417,
9.9027

■ 12.7924, 10.1121,
3.3755

■ 17.4975, 16.8576,
13.1583

■ 12.0518, 8.9454,
2.1590

■ 19.1564, 19.1068,
17.0058

■ 11.4630, 7.9669,
1.3491

■ 21.0248, 21.5966,
21.4730

■ 10.9981, 7.1594,
0.8166

■ 23.1100, 24.3340,
26.5858

■ 10.9823, 7.1323,
0.7978

■ 25.4190, 27.3260,
32.3687

■ 27.9586, 30.5789,
38.8448

■ 30.7349, 34.0991,
46.0364

■ 33.7543, 37.8927,
53.9643

Harmonies

Analogous

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



16.1746, 13.0504, 10.3507



14.7761, 13.0504, 7.2090



12.8380, 13.0504, 5.9851

Triad

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



14.7761, 13.0504, 7.2090



9.0377, 13.0504, 13.0160



13.9566, 13.0504, 26.5239

Complementary

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



14.7761, 13.0504, 7.2090



12.5509, 14.5658, 25.0715

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.



11.9799, 13.0504, 27.7798



14.7761, 13.0504, 7.2090



9.2703, 13.0504, 18.9253

Square

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



14.7761, 13.0504, 7.2090



9.6282, 13.0504, 8.7215



10.3004, 13.0504, 24.7044



15.6679, 13.0504, 21.6203

Rectangle

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



14.7761, 13.0504, 7.2090



11.5527, 13.0504, 6.1116



10.3004, 13.0504, 24.7044



13.2962, 13.0504, 27.4319

Sweetspot

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



14.7764, 13.0510, 7.2093



35.6953, 36.0775, 33.7500



15.0207, 10.4699, 16.7538



8.1270, 8.1686, 7.4839



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.



14.7764, 13.0510, 7.2093



24.2295, 20.1088, 8.4618



18.2218, 19.9417, 8.3577



4.7937, 4.9309, 4.9285



10.1387, 6.6000, 0.7396



0.0414, 0.0355, 0.0047

Inverse Universe

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



12.5509, 14.5658, 25.0715



19.7197, 23.1187, 44.4714



9.5651, 8.5943, 24.0762



4.6706, 5.0168, 5.9229



7.3126, 8.1731, 22.3288



0.0321, 0.0419, 0.0796

Previews

White Background



This preview shows how the XYZ color 14.7761, 13.0504, 7.2090 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 14.7761, 13.0504, 7.2090 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 14.7761, 13.0504, 7.2090

Background



This preview shows how black text looks on a background with the XYZ color 14.7761, 13.0504, 7.2090.



This preview shows how white text looks on a background with the XYZ color 14.7761, 13.0504,

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

14.7761, 13.0504, 7.2090

Protanopia

12.1301, 13.0265, 8.0059

Deuteranopia

13.3139, 13.0922, 7.1355



Tritanopia

15.8266, 13.1060, 12.2852

Trichromacy



Original Color

14.7761, 13.0504, 7.2090

Protanomaly

12.8832, 12.8559, 7.7636

Deuteranomaly

13.8577, 13.1017, 7.1087

Tritanomaly

15.3654, 13.0349, 10.3005

Monochromacy



Original Color

14.7761, 13.0504, 7.2090

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1526, 13.0510, 11.4987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7761, 13.0504, 7.2090 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(135, 91, 68)` looks like.

```
.text, #text, p{  
    color:rgb(135, 91, 68)  
}
```

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(135, 91, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 91, 68) }
```

Border

The CSS property to change the border of an element to XYZ 14.7761, 13.0504, 7.2090 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(135, 91, 68) }
```


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

```
.border{ border-color:rgb(135, 91, 68) }
```

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

Here you see how a box with a 4 pixel rgb(135, 91, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 91, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 91, 68);  
box-shadow:4px 4px 4px 4px rgb(135, 91,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7761, 13.0504, 7.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 91, 68) }
```

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

```
.background{ background-color: rgb(135, 91,  
68) }
```

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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