

Converting Colors

XYZ(14.4175, 16.5033, 3.7921)

Have a look what the booklet for
XYZ(14.4175, 16.5033, 3.7921)
contains.

XYZ(14.4175, 16.5033, 3.7921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.4175, 16.5033,
3.7921)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7320
RGB	122, 115, 32
RGB Percent	48%, 45%, 13%
CMY	0.5216, 0.5490, 0.8745
CMYK	0.00, 0.06, 0.74, 0.52
HSL	55°, 58%, 30%
HSV	55°, 74%, 48%
XYZ	14.4175, 16.5033, 3.7921
YIQ	107.6310, 30.8150, -24.3290

Conversions

Conversions Part 2

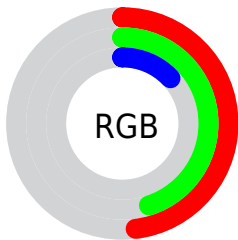
Format	Color
R_{YB}	40, 122, 32
Decimal	8024864
CIE _{Lab}	47.63, -7.60, 44.39
CIE _{LCh}	48, 45.036, 99.717
Yxy	16.5033, 0.4153, 0.4754
Android (android.graphics.Color)	4286214944 (0xFF7A7320)
YUV	107.6310, -37.2861, 12.6016
Hunter-Lab	40.6243, -7.7430, 22.9025

Details

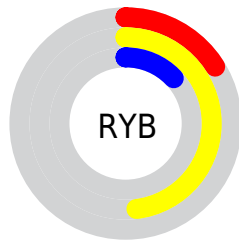
The XYZ color **14.4175, 16.5033, 3.7921** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.8341, 3.1633, 18.7681**, and the grayscale version is **14.2459, 14.9878, 16.3217**.

A 20% lighter version of the original color is **33.4732, 37.5937, 13.4747**, and **4.5329, 5.3164, 0.7873** is the 20% darker color. If you saturate the color by 10%, you get **14.1740, 16.2344, 3.0392**, and if you desaturate by 10%, it is **14.7243, 16.8006, 4.8697**.

Distribution



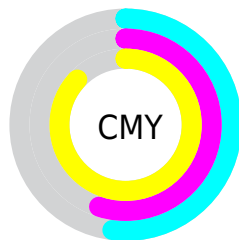
- Red (48%)
- Green (45%)
- Blue (13%)



- Red (16%)
- Yellow (48%)
- Blue (13%)



- Cyan (0%)
- Magenta (6%)
- Yellow (74%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4175, 16.5033, 3.7921 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 14.4175, 16.5033, 3.7921 by changing the saturation by 10% instead.

■ 14.4175, 16.5033,
3.7921

■ 14.4175, 16.5033,
3.7921

213.2719,
232.2935, 145.8858

■ 8.4953, 9.8810,
1.5120

■ 33.4081, 37.4698,
13.5274

■ 4.4679, 5.3201,
0.2268

■ 47.2072, 52.5827,
21.8196

■ 1.9701, 2.4363,
0.0000

■ 64.3626, 71.2947,
32.9530

■ 0.6171, 0.8445,
0.0000

■ 85.2397, 93.9901,
47.3460

■ 0.0000, 0.0000,
0.0000

■ 110.2038,
121.0533, 65.4173

■ 139.6203,

152.8686, 87.5853

173.8546,
189.8206, 114.2686

14.4175, 16.5033,
3.7921

14.4175, 16.5033,
3.7921

14.1740, 16.2344,
3.0392

14.7243, 16.8006,
4.8697

13.9847, 15.9882,
2.5673

15.0994, 17.1264,
6.3032

13.8772, 15.8399,
2.3260

15.5485, 17.4836,
8.1210

16.0766, 17.8741,
10.3487

16.6879, 18.2998,
13.0093

■ 17.3865, 18.7622,
16.1245

■ 18.1764, 19.2629,
19.7143

■ 19.0610, 19.8033,
23.7975

■ 20.0438, 20.3848,
28.3920

Harmonies

Analogous

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



18.5200, 16.5033, 4.1784



14.4175, 16.5033, 3.7921



11.2482, 16.5033, 5.7559

Triad

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



14.4175, 16.5033, 3.7921



10.4611, 16.5033, 36.1445



24.1078, 16.5033, 26.7847

Complementary

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



14.4175, 16.5033, 3.7921



4.8341, 3.1633, 18.7681

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.



21.1598, 16.5033, 40.9338



14.4175, 16.5033, 3.7921



13.1567, 16.5033, 47.7468

Square

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



14.4175, 16.5033, 3.7921



9.2357, 16.5033, 21.9692



17.0266, 16.5033, 49.7991



24.6016, 16.5033, 14.4870

Rectangle

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



14.4175, 16.5033, 3.7921



9.9145, 16.5033, 8.9603



17.0266, 16.5033, 49.7991



23.3497, 16.5033, 31.5989

Sweetspot

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



14.4179, 16.5041, 3.7924



29.5027, 32.2920, 23.5215



8.9172, 5.3206, 2.5204



6.6907, 7.3462, 5.1349



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.



14.4179, 16.5041, 3.7924



24.6832, 28.2384, 4.6961



10.9215, 15.9314, 3.8662



4.2824, 4.5832, 4.2834



14.6078, 16.6716, 2.4480



69.3971, 78.9576, 11.5827

Inverse Universe

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



4.8341, 3.1633, 18.7681



6.8415, 3.4411, 32.6965



6.5194, 3.7220, 18.7871



3.8204, 3.9390, 5.0021



3.8039, 1.6903, 19.5111



17.8857, 7.5441, 92.9833

Previews

White Background



This preview shows how the XYZ color 14.4175, 16.5033, 3.7921 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 14.4175, 16.5033, 3.7921 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 14.4175, 16.5033, 3.7921

Background



This preview shows how black text looks on a background with the XYZ color 14.4175, 16.5033, 3.7921.



This preview shows how white text looks on a background with the XYZ color 14.4175, 16.5033,

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

14.4175, 16.5033, 3.7921

Protanopia

14.9182, 16.4266, 3.7509

Deuteranopia

16.7164, 16.3875, 3.8722



Tritanopia

17.4633, 16.4435, 18.7765

Trichromacy



Original Color

14.4175, 16.5033, 3.7921

Protanomaly

14.7355, 16.4989, 3.7745

Deuteranomaly

15.8563, 16.4183, 3.8467

Tritanomaly

15.8198, 16.2434, 10.8958

Monochromacy



Original Color

14.4175, 16.5033, 3.7921

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9425, 15.4588, 9.8384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4175, 16.5033, 3.7921 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(122, 115, 32)` looks like.

```
.text, #text, p{  
    color:rgb(122, 115, 32)  
}
```

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(122, 115, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 115, 32) }
```

Border

The CSS property to change the border of an element to XYZ 14.4175, 16.5033, 3.7921 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(122, 115, 32) }
```


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

```
.border{ border-color:rgb(122, 115, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 115, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 115, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 115, 32);  
box-shadow:4px 4px 4px 4px rgb(122, 115,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4175, 16.5033, 3.7921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 115, 32) }
```

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

```
.background{ background-color: rgb(122,  
115, 32) }
```

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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