

Converting Colors

XYZ(16.2396, 13.2206, 7.9994)

Have a look what the booklet for
XYZ(16.2396, 13.2206, 7.9994)
contains.

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Color

**XYZ(16.2074, 13.1564,
7.9885)**

Conversions

Conversions Part 1

Format	Color
Hex	915649
RGB	145, 86, 73
RGB Percent	57%, 34%, 29%
CMY	0.4314, 0.6627, 0.7137
CMYK	0.00, 0.41, 0.50, 0.43
HSL	11°, 33%, 43%
HSV	11°, 50%, 57%
XYZ	16.2074, 13.1564, 7.9885
YIQ	102.1590, 39.3370, 8.4650

Conversions

Conversions Part 2

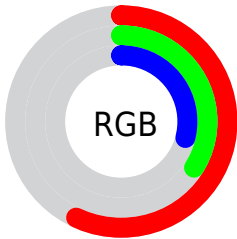
Format	Color
R_{YB}	145, 89, 73
Decimal	9524809
CIE Lab	43.00, 22.96, 17.99
CIE LCh	43, 29.173, 38.082
Yxy	13.1564, 0.4339, 0.3522
Android (android.graphics.Color)	4287714889 (0xFF915649)
YUV	102.1590, -14.3754, 37.5716
Hunter-Lab	36.2718, 16.2840, 12.3322

Details

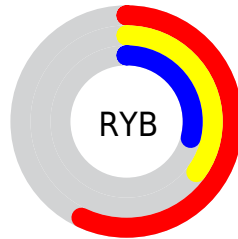
The XYZ color **16.2074, 13.1564, 7.9885** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.1091, 19.9620, 29.7918**, and the grayscale version is **12.7005, 13.3619, 14.5511**.

A 20% lighter version of the original color is **36.4044, 31.4310, 22.5604**, and **5.2617, 3.7639, 1.6116** is the 20% darker color. If you saturate the color by 10%, you get **14.9105, 11.2444, 5.4546**, and if you desaturate by 10%, it is **17.7748, 15.4300, 11.1659**.

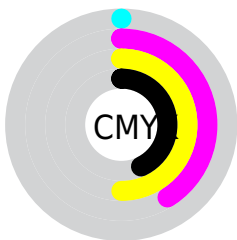
Distribution



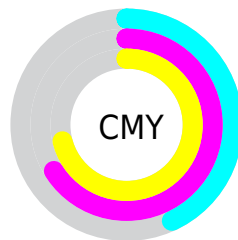
- Red (57%)
- Green (34%)
- Blue (29%)



- Red (57%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (43%)



- Cyan (43%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2074, 13.1564, 7.9885 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 16.2074, 13.1564, 7.9885 by changing the saturation by 10% instead.

■ 16.2074, 13.1564,
7.9885

■ 16.2074, 13.1564,
7.9885

223.8089,
211.9176, 185.5730

■ 9.7628, 7.5363,
3.9999

■ 36.5124, 31.5845,
22.4817

■ 5.3030, 3.7997,
1.6253

■ 51.1036, 45.1613,
33.8234

■ 2.4627, 1.5622,
0.3088

■ 69.1410, 62.1591,
48.4532

■ 0.8765, 0.3319,
0.0000

■ 90.9900, 82.9624,
66.7897

■ 0.0000, 0.0000,
0.0000

■ 117.0159,
107.9555, 89.2514

147.5841,

137.5228, 116.2568

183.0600,
172.0487, 148.2245

■ 16.2074, 13.1564,
7.9885

■ 16.2074, 13.1564,
7.9885

■ 14.9105, 11.2444,
5.4546

■ 17.7748, 15.4300,
11.1659

■ 13.8674, 9.6732,
3.5192

■ 19.6260, 18.0806,
15.0260

■ 13.0611, 8.4231,
2.1326

■ 21.7749, 21.1250,
19.6059

■ 12.4718, 7.4713,
1.2367

■ 24.2338, 24.5786,
24.9397

■ 12.0625, 6.7864,
0.6885

■ 27.0146, 28.4557,
31.0594

■ 12.0505, 6.7669,
0.6710

■ 30.1284, 32.7702,
37.9951

■ 33.5857, 37.5351,
45.7753

■ 37.3969, 42.7630,
54.4272

■ 41.5715, 48.4660,
63.9766

Harmonies

Analogous

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



17.2679, 13.1564, 12.6613



16.2074, 13.1564, 7.9885



14.1810, 13.1564, 5.6632

Triad

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



16.2074, 13.1564, 7.9885



8.9221, 13.1564, 10.1992



13.1196, 13.1564, 30.3210

Complementary

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



16.2074, 13.1564, 7.9885



16.1091, 19.9620, 29.7918

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.



10.9661, 13.1564, 29.0716



16.2074, 13.1564, 7.9885



8.7095, 13.1564, 16.1286

Square

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



16.2074, 13.1564, 7.9885



10.0337, 13.1564, 6.6488



9.4139, 13.1564, 23.3512



15.3514, 13.1564, 26.3817

Rectangle

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



16.2074, 13.1564, 7.9885



12.6494, 13.1564, 5.2003



9.4139, 13.1564, 23.3512



12.3612, 13.1564, 30.5118

Sweetspot

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



16.2077, 13.1571, 7.9887



40.8385, 40.4261, 39.0898



18.2931, 12.4783, 23.6345



8.9052, 8.7404, 8.3070



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.2077, 13.1571, 7.9887



26.3748, 19.6480, 9.1454



19.7169, 20.1754, 9.1585



5.4828, 5.5719, 5.6759



10.3510, 5.8337, 0.5805



0.1108, 0.0794, 0.0095

Inverse Universe

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



16.1091, 19.9620, 29.7918



26.1411, 33.2743, 53.0184



12.1332, 12.0102, 28.4665



5.4786, 5.9530, 6.8890



10.0398, 13.0656, 24.9698



0.1099, 0.1528, 0.2434

Previews

White Background



This preview shows how the XYZ color 16.2074, 13.1564, 7.9885 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 16.2074, 13.1564, 7.9885 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 16.2074, 13.1564, 7.9885

Background



This preview shows how black text looks on a background with the XYZ color 16.2074, 13.1564, 7.9885.



This preview shows how white text looks on a background with the XYZ color 16.2074, 13.1564,

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

16.2074, 13.1564, 7.9885

Protanopia

12.5060, 13.3331, 9.5038

Deuteranopia

13.5311, 13.3279, 7.8206



Tritanopia

16.8698, 13.1898, 11.3296

Trichromacy



Original Color

16.2074, 13.1564, 7.9885

Protanomaly

13.5485, 13.0391, 8.8239

Deuteranomaly

14.3783, 13.2191, 7.9246

Tritanomaly

16.7028, 13.2481, 10.0643

Monochromacy



Original Color

16.2074, 13.1564, 7.9885

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.5424, 12.9726, 11.6877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2074, 13.1564, 7.9885 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(145, 86, 73)` looks like.

```
.text, #text, p{  
    color:rgb(145, 86, 73)  
}
```

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(145, 86, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 86, 73) }
```

Border

The CSS property to change the border of an element to XYZ 16.2074, 13.1564, 7.9885 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(145, 86, 73) }
```


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

```
.border{ border-color:rgb(145, 86, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 86, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 86, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 86, 73);  
box-shadow:4px 4px 4px 4px rgb(145, 86,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2074, 13.1564, 7.9885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 86, 73) }
```

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

```
.background{ background-color: rgb(145, 86,  
73) }
```

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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