

Converting Colors

XYZ(17.0140, 15.7630, 20.6980)

Have a look what the booklet for
XYZ(17.0140, 15.7630, 20.6980)
contains.

XYZ(16.9206, 15.6657, 20.5443)	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(16.9206, 15.6657,
20.5443)**

Conversions

Conversions Part 1

Format	Color
Hex	7D687A
RGB	125, 104, 122
RGB Percent	49%, 41%, 48%
CMY	0.5098, 0.5921, 0.5216
CMYK	0.00, 0.17, 0.02, 0.51
HSL	309°, 9%, 45%
HSV	309°, 17%, 49%
XYZ	16.9206, 15.6657, 20.5443
YIQ	112.3310, 6.7380, 10.0500

Conversions

Conversions Part 2

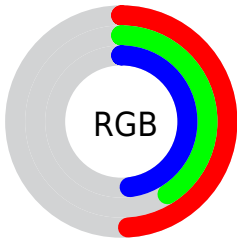
Format	Color
R_{YB}	125, 104, 122
Decimal	8218746
CIE _{Lab}	46.53, 11.74, -6.90
CIE _{LCh}	47, 13.612, 329.560
Yxy	15.6657, 0.3185, 0.2949
Android (android.graphics.Color)	4286408826 (0xFF7D687A)
YUV	112.3310, 4.7668, 11.1107
Hunter-Lab	39.5799, 7.0447, -3.0690

Details

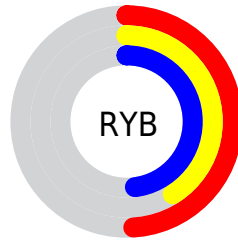
The XYZ color **16.9206, 15.6657, 20.5443** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6970, 18.6723, 16.6875**, and the grayscale version is **15.4837, 16.2901, 17.7399**.

A 20% lighter version of the original color is **37.7214, 35.9637, 44.9979**, and **5.6462, 4.9438, 6.9600** is the 20% darker color. If you saturate the color by 10%, you get **15.6450, 13.2897, 19.5782**, and if you desaturate by 10%, it is **18.3857, 18.4169, 21.5839**.

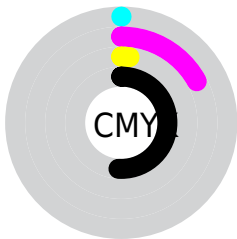
Distribution



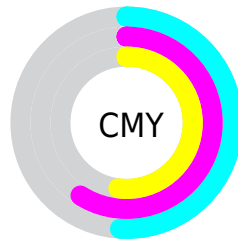
- Red (49%)
- Green (41%)
- Blue (48%)



- Red (49%)
- Yellow (41%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9206, 15.6657, 20.5443 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 16.9206, 15.6657, 20.5443 by changing the saturation by 10% instead.

■ 16.9206, 15.6657,
20.5443

■ 16.9206, 15.6657,
20.5443

227.8796,
227.3609, 267.5477

■ 10.2728, 9.2879,
12.6033

■ 37.7339, 36.0169,
45.1988

■ 5.6439, 4.9294,
7.0285

■ 52.6301, 50.7590,
62.7494

■ 2.6684, 2.2059,
3.4012

■ 71.0066, 69.0581,
84.3402

■ 0.9809, 0.7232,
1.3030

■ 93.2286, 91.2985,
110.3899

■ 0.0000, 0.0000,
0.0642

119.6616,
117.8645, 141.3170

■ 0.0000, 0.0000,
0.0000

150.6708,

149.1407, 177.5399

186.6217,
185.5114, 219.4773

■ 16.9206, 15.6657,
20.5443

■ 16.9206, 15.6657,
20.5443

■ 15.6450, 13.2897,
19.5782

■ 18.3857, 18.4169,
21.5839

■ 14.5493, 11.2706,
18.6820

■ 20.0466, 21.5567,
22.6987

■ 13.6252, 9.5914,
17.8528

■ 21.9110, 25.1002,
23.8915

■ 12.8631, 8.2331,
17.0876

■ 23.9858, 29.0611,
25.1646

■ 12.2526, 7.1747,
16.3826

■ 26.2775, 33.4526,
26.5202

■ 11.7819, 6.3929,
15.7341

■ 28.7924, 38.2872,
27.9605

■ 11.4376, 5.8606,
15.1374

■ 31.5366, 43.5769,
29.4877

■ 11.1925, 5.5235,
14.5834

■ 34.5158, 49.3332,
31.1035

■ 11.1188, 5.4245,
14.4097

■ 37.7355, 55.5674,
32.8100

Harmonies

Analogous

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



16.0306, 15.6657, 23.3167



16.9206, 15.6657, 20.5443



17.2614, 15.6657, 17.1070

Triad

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



16.9206, 15.6657, 20.5443



14.9071, 15.6657, 11.3782



13.0125, 15.6657, 20.4472

Complementary

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



16.9206, 15.6657, 20.5443



15.6970, 18.6723, 16.6875

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.



12.7460, 15.6657, 17.0077



16.9206, 15.6657, 20.5443



13.8044, 15.6657, 12.0321

Square

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



16.9206, 15.6657, 20.5443



16.0622, 15.6657, 12.0715



13.0283, 15.6657, 13.9890



13.7759, 15.6657, 23.2557

Rectangle

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



16.9206, 15.6657, 20.5443



17.1182, 15.6657, 14.9845



13.0283, 15.6657, 13.9890



12.8636, 15.6657, 19.3130

Sweetspot

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



16.9211, 15.6664, 20.5446



33.3979, 33.8735, 38.9763



14.6920, 14.4954, 21.4259



7.5597, 7.6350, 8.8403



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.9211, 15.6664, 20.5446



29.4204, 26.4094, 36.1372



16.3162, 15.4245, 17.3597



4.4726, 4.4022, 5.2931



11.6026, 5.6607, 15.0289



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9211, 15.6664, 20.5446



29.4204, 26.4094, 36.1372



16.2716, 18.9021, 19.7136



4.4726, 4.4022, 5.2931



11.6026, 5.6607, 15.0289



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9206, 15.6657, 20.5443 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 16.9206, 15.6657, 20.5443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

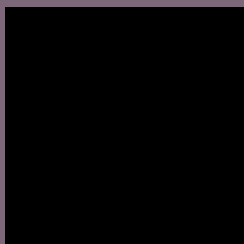
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9206, 15.6657, 20.5443

Background



This preview shows how black text looks on a background with the XYZ color 16.9206, 15.6657, 20.5443.



This preview shows how white text looks on a background with the XYZ color 16.9206, 15.6657,

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

16.9206, 15.6657, 20.5443

Protanopia

15.5262, 15.8464, 21.9790

Deuteranopia

15.9113, 15.6089, 20.2634



Tritanopia

16.4010, 15.6031, 18.0669

Trichromacy



Original Color

16.9206, 15.6657, 20.5443

Protanomaly

16.0037, 15.7832, 21.6050

Deuteranomaly

16.2130, 15.6105, 20.2478

Tritanomaly

16.5746, 15.6726, 18.9812

Monochromacy



Original Color

16.9206, 15.6657, 20.5443

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.9571, 15.9801, 18.7664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9206, 15.6657, 20.5443 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(125, 104, 122)` looks like.

```
.text, #text, p{  
    color:rgb(125, 104, 122)  
}
```

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(125, 104, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 104, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.9206, 15.6657, 20.5443 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(125, 104, 122) }
```


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

```
.border{ border-color:rgb(125, 104, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 104, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 104, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 104, 122);  
box-shadow:4px 4px 4px 4px rgb(125, 104,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9206, 15.6657, 20.5443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 104, 122) }
```

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

```
.background{ background-color: rgb(125,  
104, 122) }
```

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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