

Converting Colors

XYZ(16.5140, 10.6345, 20.0933)

Have a look what the booklet for
XYZ(16.5140, 10.6345, 20.0933)
contains.

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Color

**XYZ(16.5160, 10.6513,
20.2542)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3E7C
RGB	142, 62, 124
RGB Percent	56%, 24%, 49%
CMY	0.4431, 0.7568, 0.5137
CMYK	0.00, 0.56, 0.13, 0.44
HSL	314°, 39%, 40%
HSV	314°, 56%, 56%
XYZ	16.5160, 10.6513, 20.2542
YIQ	92.9880, 27.7780, 36.2420

Conversions

Conversions Part 2

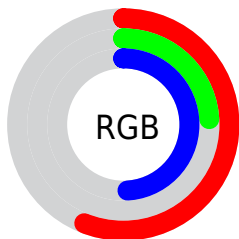
Format	Color
R_{YB}	142, 62, 124
Decimal	9322108
CIE _{Lab}	38.99, 42.00, -19.36
CIE _{LCh}	39, 46.250, 335.249
Yxy	10.6513, 0.3483, 0.2246
Android (android.graphics.Color)	4287512188 (0xFF8E3E7C)
YUV	92.9880, 15.2889, 42.9835
Hunter-Lab	32.6363, 33.2185, -13.9501

Details

The XYZ color **16.5160, 10.6513, 20.2542** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.1081, 20.9496, 10.9431**, and the grayscale version is **10.3631, 10.9027, 11.8731**.

A 20% lighter version of the original color is **37.1296, 26.9903, 44.8477**, and **5.4441, 2.7404, 6.8986** is the 20% darker color. If you saturate the color by 10%, you get **15.6436, 9.2245, 18.9826**, and if you desaturate by 10%, it is **17.5974, 12.4853, 21.6280**.

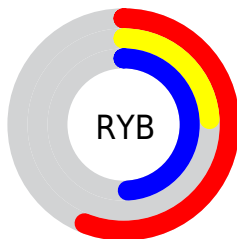
Distribution



Red (56%)

Green (24%)

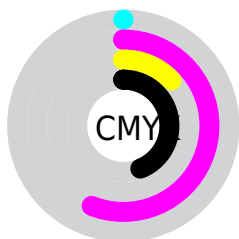
Blue (49%)



Red (56%)

Yellow (24%)

Blue (49%)

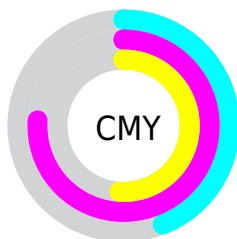


Cyan (0%)

Magenta (56%)

Yellow (13%)

Black (44%)



Cyan (44%)

Magenta (76%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5160, 10.6513, 20.2542 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 16.5160, 10.6513, 20.2542 by changing the saturation by 10% instead.

■ 16.5160, 10.6513,
20.2542

■ 16.5160, 10.6513,
20.2542

■ 225.5786,
195.2594, 265.9376

■ 9.9832, 5.8329,
12.3940

■ 37.0420, 27.0135,
44.7075

■ 5.4500, 2.7437,
6.8869

■ 51.7658, 39.3261,
62.1378

■ 2.5511, 0.9994,
3.3141

■ 69.9507, 54.9056,
83.5951

■ 0.9211, 0.0000,
1.2571

■ 91.9621, 74.1363,
109.4981

■ 0.0000, 0.0000,
0.0263

■ 118.1652, 97.4026,
140.2654

■ 0.0000, 0.0000,
0.0000

■ 148.9254,

125.0890, 176.3153

184.6081,
157.5798, 218.0665

■ 16.5160, 10.6513,
20.2542

■ 16.5160, 10.6513,
20.2542

■ 15.6436, 9.2245,
18.9826

■ 17.5974, 12.4853,
21.6280

■ 14.9630, 8.1711,
17.8069

■ 18.9013, 14.7538,
23.1084

■ 14.4561, 7.4547,
16.7207

■ 20.4410, 17.4833,
24.7004

■ 14.0932, 7.0163,
15.7140

■ 22.2286, 20.6979,
26.4081

■ 13.9725, 6.8776,
15.3569

■ 24.2754, 24.4199,
28.2358

■ 26.5919, 28.6704,
30.1871

■ 29.1879, 33.4690,
32.2656

■ 32.0731, 38.8346,
34.4748

■ 35.2562, 44.7851,
36.8179

Harmonies

Analogous

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



13.9438, 10.6513, 31.7146



16.5160, 10.6513, 20.2542



17.2466, 10.6513, 10.1130

Triad

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



16.5160, 10.6513, 20.2542



9.5912, 10.6513, 1.5767



6.0141, 10.6513, 24.4100

Complementary

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



16.5160, 10.6513, 20.2542



13.1081, 20.9496, 10.9431

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.



5.2945, 10.6513, 13.2205



16.5160, 10.6513, 20.2542



7.0741, 10.6513, 2.5251

Square

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



16.5160, 10.6513, 20.2542



12.8133, 10.6513, 2.0038



5.6390, 10.6513, 5.8437



7.8396, 10.6513, 34.8488

Rectangle

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



16.5160, 10.6513, 20.2542



16.4859, 10.6513, 5.7596



5.6390, 10.6513, 5.8437



5.6538, 10.6513, 20.4484

Sweetspot

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



16.5163, 10.6518, 20.2544



38.8565, 35.8811, 46.2521



9.8579, 7.0755, 26.4374



8.5530, 7.7872, 10.2131



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.5163, 10.6518, 20.2544



27.1819, 15.6272, 32.8182



14.5048, 9.8472, 9.6620



5.5750, 5.4905, 6.5262



12.5523, 6.1779, 13.8255



0.1282, 0.0624, 0.1755

Inverse Universe

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



16.5163, 10.6518, 20.2544



27.1819, 15.6272, 32.8182



15.0098, 21.7103, 20.9578



5.5750, 5.4905, 6.5262



12.5523, 6.1779, 13.8255



0.1282, 0.0624, 0.1755

Previews

White Background



This preview shows how the XYZ color 16.5160, 10.6513, 20.2542 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

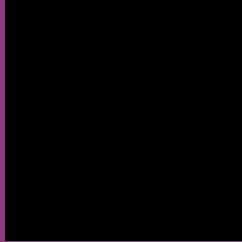
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5160, 10.6513, 20.2542

Background



This preview shows how black text looks on a background with the XYZ color 16.5160, 10.6513, 20.2542.



This preview shows how white text looks on a background with the XYZ color 16.5160, 10.6513,

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

16.5160, 10.6513, 20.2542

Protanopia

11.6061, 10.9283, 29.1014

Deuteranopia

11.0013, 10.8403, 18.9653



Tritanopia

14.0742, 10.6335, 8.5184

Trichromacy



Original Color

16.5160, 10.6513, 20.2542

Protanomaly

12.4586, 10.1428, 25.7272

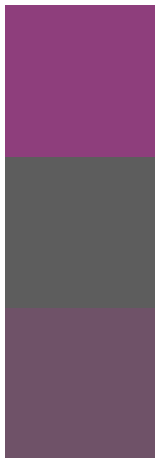
Deuteranomaly

12.3833, 10.2436, 19.4137

Tritanomaly

14.8411, 10.5714, 12.0847

Monochromacy



Original Color

16.5160, 10.6513, 20.2542

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

12.0715, 10.4136, 14.4705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5160, 10.6513, 20.2542 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(142, 62, 124)` looks like.

```
.text, #text, p{  
    color:rgb(142, 62, 124)  
}
```

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(142, 62, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 62, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.5160, 10.6513, 20.2542 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(142, 62, 124) }
```


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

```
.border{ border-color:rgb(142, 62, 124) }
```

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

Here you see how a box with a 4 pixel rgb(142, 62, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 62, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 62, 124);  
box-shadow:4px 4px 4px 4px rgb(142, 62,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5160, 10.6513, 20.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 62, 124) }
```

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

```
.background{ background-color: rgb(142, 62,  
124) }
```

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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