

Converting Colors

XYZ(21.3967, 16.2253, 16.8624)

Have a look what the booklet for
XYZ(21.3967, 16.2253, 16.8624)
contains.

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Color

**XYZ(21.4558, 16.2893,
16.7652)**

Conversions

Conversions Part 1

Format	Color
Hex	A25B6E
RGB	162, 91, 110
RGB Percent	64%, 36%, 43%
CMY	0.3647, 0.6431, 0.5686
CMYK	0.00, 0.44, 0.32, 0.36
HSL	344°, 28%, 50%
HSV	344°, 44%, 64%
XYZ	21.4558, 16.2893, 16.7652
YIQ	114.3950, 36.2170, 20.9610

Conversions

Conversions Part 2

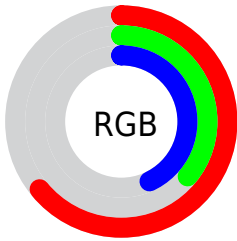
Format	Color
R_{YB}	162, 91, 110
Decimal	10640238
CIE _{Lab}	47.35, 31.37, 2.03
CIE _{LCh}	47, 31.440, 3.704
Yxy	16.2893, 0.3936, 0.2988
Android (android.graphics.Color)	4288830318 (0xFFA25B6E)
YUV	114.3950, -2.1667, 41.7496
Hunter-Lab	40.3600, 24.2625, 3.6234

Details

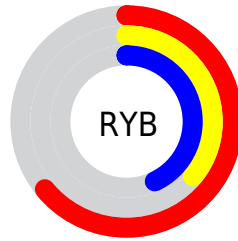
The XYZ color **21.4558, 16.2893, 16.7652** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1933, 30.0483, 30.6182**, and the grayscale version is **16.1120, 16.9511, 18.4597**.

A 20% lighter version of the original color is **45.4689, 37.2782, 38.5172**, and **7.9095, 5.2030, 5.2900** is the 20% darker color. If you saturate the color by 10%, you get **19.6141, 13.5714, 13.1746**, and if you desaturate by 10%, it is **23.6839, 19.6413, 20.9118**.

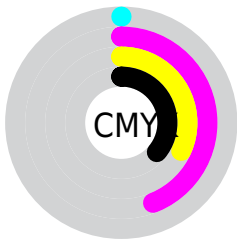
Distribution



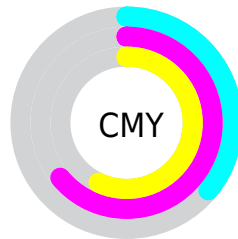
- Red (64%)
- Green (36%)
- Blue (43%)



- Red (64%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (32%)
- Black (36%)





- Cyan (36%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.4558, 16.2893, 16.7652 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 21.4558, 16.2893, 16.7652 by changing the saturation by 10% instead.


 21.4558, 16.2893,
16.7652


 21.4558, 16.2893,
16.7652


252.3771,
231.0428, 245.8136

 13.5719, 9.7291,
9.9070


 45.3305, 37.0997,
38.7067


 7.9033, 5.2197,
5.2326

 62.0520, 52.1187,
54.6272

 4.0844, 2.3767,
2.3232

 82.4501, 70.7261,
74.4055

 1.7500, 0.8139,
0.7442

 106.8902, 93.3063,
98.4602

 0.4873, 0.0000,
0.0000

135.7376,
120.2437, 127.2098

 0.0000, 0.0000,
0.0000

169.3576,

151.9226, 161.0729

208.1157,
188.7275, 200.4680

■ 21.4558, 16.2893,
16.7652

■ 21.4558, 16.2893,
16.7652

■ 19.6141, 13.5714,
13.1746

■ 23.6839, 19.6413,
20.9118

■ 18.1346, 11.4450,
10.1146

■ 26.3179, 23.6616,
25.6362

■ 16.9924, 9.8660,
7.5590

■ 29.3776, 28.3849,
30.9604

■ 16.1586, 8.7830,
5.4791

■ 32.8813, 33.8428,
36.9048

■ 15.5992, 8.1347,
3.8424

■ 36.8458, 40.0650,
43.4888

■ 15.3427, 7.8583,
3.0271

■ 41.2875, 47.0793,
50.7310

■ 46.2215, 54.9124,
58.6491

■ 51.6626, 63.5896,
67.2603

■ 57.6247, 73.1352,
76.5810

Harmonies

Analogous

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



20.7888, 16.2893, 25.4234



21.4558, 16.2893, 16.7652



20.3712, 16.2893, 10.5227

Triad

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



21.4558, 16.2893, 16.7652



12.7005, 16.2893, 7.8024



13.2321, 16.2893, 35.3152

Complementary

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



21.4558, 16.2893, 16.7652



22.1933, 30.0483, 30.6182

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.



11.4461, 16.2893, 27.6647



21.4558, 16.2893, 16.7652



11.1659, 16.2893, 11.7796

Square

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



21.4558, 16.2893, 16.7652



15.1396, 16.2893, 6.4223



10.7355, 16.2893, 18.7441



15.8305, 16.2893, 37.8306

Rectangle

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



21.4558, 16.2893, 16.7652



18.8689, 16.2893, 8.0345



10.7355, 16.2893, 18.7441



12.5276, 16.2893, 33.1655

Sweetspot

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



21.4562, 16.2901, 16.7655



53.6781, 52.0659, 56.7984



21.3986, 15.8321, 36.1104



11.7737, 11.2563, 12.2715



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.4562, 16.2901, 16.7655



35.5527, 24.5572, 23.8063



21.9828, 18.8247, 12.3734



7.1480, 7.1156, 7.7657



12.1032, 6.1974, 2.4683



0.2728, 0.1376, 0.1493

Inverse Universe

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



21.4562, 16.2901, 16.7655



35.5527, 24.5572, 23.8063



21.2107, 25.5817, 38.0022



7.1480, 7.1156, 7.7657



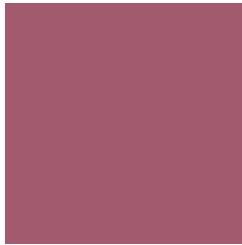
12.1032, 6.1974, 2.4683



0.2728, 0.1376, 0.1493

Previews

White Background



This preview shows how the XYZ color 21.4558, 16.2893, 16.7652 looks on a white background.

Color Contrast Check

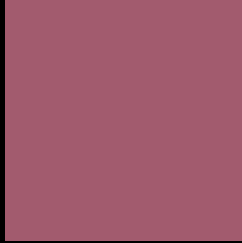
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4558, 16.2893, 16.7652 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 21.4558, 16.2893, 16.7652

Background



This preview shows how black text looks on a background with the XYZ color 21.4558, 16.2893, 16.7652.



This preview shows how white text looks on a background with the XYZ color 21.4558, 16.2893,

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

21.4558, 16.2893, 16.7652

Protanopia

15.9891, 16.4382, 20.7425

Deuteranopia

16.7267, 16.4344, 16.2005



Tritanopia

20.9125, 16.3259, 14.1056

Trichromacy



Original Color

21.4558, 16.2893, 16.7652

Protanomaly

17.4263, 15.9545, 19.3006

Deuteranomaly

18.1056, 16.0744, 16.3358

Tritanomaly

21.0238, 16.2308, 15.1215

Monochromacy



Original Color

21.4558, 16.2893, 16.7652

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.4947, 16.3256, 17.8519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4558, 16.2893, 16.7652 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(162, 91, 110)` looks like.

```
.text, #text, p{  
    color:rgb(162, 91, 110)  
}
```

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(162, 91, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 91, 110) }
```

Border

The CSS property to change the border of an element to XYZ 21.4558, 16.2893, 16.7652 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(162, 91, 110) }
```


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

```
.border{ border-color:rgb(162, 91, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 91, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 91, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 91, 110);  
box-shadow:4px 4px 4px 4px rgb(162, 91,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4558, 16.2893, 16.7652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 91, 110) }
```

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

```
.background{ background-color: rgb(162, 91,  
110) }
```

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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