

Converting Colors

XYZ(18.2603, 21.0563, 3.5921)

Have a look what the booklet for
XYZ(18.2603, 21.0563, 3.5921)
contains.

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Color

**XYZ(18.2603, 21.0563,
3.5921)**

Conversions

Conversions Part 1

Format	Color
Hex	898110
RGB	137, 129, 16
RGB Percent	54%, 51%, 6%
CMY	0.4627, 0.4941, 0.9372
CMYK	0.00, 0.06, 0.88, 0.46
HSL	56°, 79%, 30%
HSV	56°, 88%, 54%
XYZ	18.2603, 21.0563, 3.5921
YIQ	118.5100, 41.0410, -33.4470

Conversions

Conversions Part 2

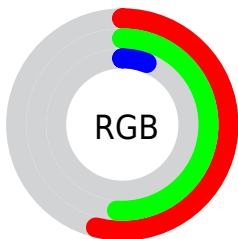
Format	Color
R_{YB}	25, 137, 16
Decimal	9011472
CIE _{Lab}	53.01, -8.95, 54.84
CIE _{LCh}	53, 55.566, 99.271
Yxy	21.0563, 0.4256, 0.4907
Android (android.graphics.Color)	4287201552 (0xFF898110)
YUV	118.5100, -50.5374, 16.2157
Hunter-Lab	45.8871, -9.2703, 27.4797

Details

The XYZ color **18.2603, 21.0563, 3.5921** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.0558, 2.5697, 23.8962**, and the grayscale version is **17.5258, 18.4385, 20.0795**.

A 20% lighter version of the original color is **40.2121, 45.4196, 13.1260**, and **6.4359, 7.5763, 1.1232** is the 20% darker color. If you saturate the color by 10%, you get **18.0611, 20.7875, 3.1267**, and if you desaturate by 10%, it is **18.5176, 21.3517, 4.3541**.

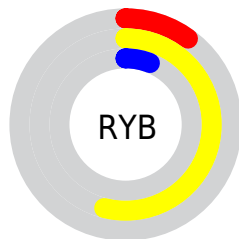
Distribution



Red (54%)

Green (51%)

Blue (6%)



Red (10%)

Yellow (54%)

Blue (6%)

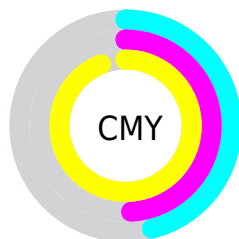


Cyan (0%)

Magenta (6%)

Yellow (88%)

Black (46%)



Cyan (46%)

Magenta (49%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2603, 21.0563, 3.5921 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 18.2603, 21.0563, 3.5921 by changing the saturation by 10% instead.

■ 18.2603, 21.0563,
3.5921

■ 18.2603, 21.0563,
3.5921

235.3515,
257.5775, 143.5775

■ 11.2378, 13.1652,
1.4044

■ 40.0070, 45.1812,
13.0575

■ 6.2955, 7.5424,
0.1451

■ 55.4619, 62.1838,
21.1723

■ 3.0680, 3.8036,
0.0000

■ 74.4584, 82.9923,
32.0998

■ 1.1898, 1.5643,
0.0000

■ 97.3618, 107.9911,
46.2586

■ 0.0983, 0.3333,
0.0000

■ 124.5375,
137.5646, 64.0672

■ 0.0000, 0.0000,
0.0000

■ 156.3507,

172.0973, 85.9442

193.1669,
211.9735, 112.3082

18.2603, 21.0563,
3.5921

18.2603, 21.0563,
3.5921

18.0611, 20.7875,
3.1267

18.5176, 21.3517,
4.3541

18.0286, 20.7426,
3.0535

18.8514, 21.6786,
5.5157

19.2709, 22.0414,
7.1237

19.7839, 22.4434,
9.2181

20.3969, 22.8871,
11.8347

■ 21.1163, 23.3750,
15.0055

■ 21.9475, 23.9094,
18.7603

■ 22.8959, 24.4924,
23.1267

■ 23.9663, 25.1259,
28.1305

Harmonies

Analogous

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



24.2513, 21.0563, 4.0964



18.2603, 21.0563, 3.5921



13.7204, 21.0563, 5.9670

Triad

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



18.2603, 21.0563, 3.5921



12.5259, 21.0563, 49.8613



32.4422, 21.0563, 36.2783

Complementary

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



18.2603, 21.0563, 3.5921



5.0558, 2.5697, 23.8962

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.



27.9853, 21.0563, 57.8664



18.2603, 21.0563, 3.5921



16.3004, 21.0563, 67.9993

Square

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



18.2603, 21.0563, 3.5921



10.8596, 21.0563, 28.5007



21.8752, 21.0563, 71.4832



33.2485, 21.0563, 18.1314

Rectangle

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



18.2603, 21.0563, 3.5921



11.8378, 21.0563, 10.1190



21.8752, 21.0563, 71.4832



31.2851, 21.0563, 43.5675

Sweetspot

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



18.2608, 21.0573, 3.5925



38.0605, 42.0215, 27.9671



10.6675, 5.7554, 1.4168



8.4444, 9.3643, 5.8600



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.2608, 21.0573, 3.5925



32.2397, 37.0535, 5.4528



12.7465, 19.8398, 3.6482



5.4033, 5.7893, 5.3851



16.7971, 19.3287, 2.8455



0.1155, 0.1363, 0.0202

Inverse Universe

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



5.0558, 2.5697, 23.8962



8.2152, 3.4925, 42.6243



7.1152, 3.4217, 23.9521



4.7995, 4.9419, 6.3068



4.3012, 1.8726, 22.1804



0.0316, 0.0185, 0.1484

Previews

White Background



This preview shows how the XYZ color 18.2603, 21.0563, 3.5921 looks on a white 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

Black Background



This preview shows how the XYZ color 18.2603, 21.0563, 3.5921 looks on a black 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

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

XYZ 18.2603, 21.0563, 3.5921

Background



This preview shows how black text looks on a background with the XYZ color 18.2603, 21.0563, 3.5921.



This preview shows how white text looks on a background with the XYZ color 18.2603, 21.0563,

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

18.2603, 21.0563, 3.5921

Protanopia

19.0033, 21.0529, 3.5140

Deuteranopia

21.3683, 20.9684, 3.7317



Tritanopia

22.3560, 21.0377, 23.6513

Trichromacy



Original Color

18.2603, 21.0563, 3.5921

Protanomaly

18.7899, 21.1356, 3.5412

Deuteranomaly

20.1581, 20.8918, 3.6319

Tritanomaly

19.9997, 20.6213, 12.1587

Monochromacy



Original Color

18.2603, 21.0563, 3.5921

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.2101, 19.2107, 10.7836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2603, 21.0563, 3.5921 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(137, 129, 16)` looks like.

```
.text, #text, p{  
    color:rgb(137, 129, 16)  
}
```

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(137, 129, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 129, 16) }
```

Border

The CSS property to change the border of an element to XYZ 18.2603, 21.0563, 3.5921 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(137, 129, 16) }
```


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

```
.border{ border-color:rgb(137, 129, 16) }
```

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

Here you see how a box with a 4 pixel rgb(137, 129, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 129, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 129, 16);  
box-shadow:4px 4px 4px 4px rgb(137, 129,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2603, 21.0563, 3.5921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 129, 16) }
```

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

```
.background{ background-color: rgb(137,  
129, 16) }
```

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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