

Converting Colors

XYZ(21.3096, 20.4533, 3.5554)

Have a look what the booklet for
XYZ(21.3096, 20.4533, 3.5554)
contains.

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Color

**XYZ(21.1946, 20.3538,
3.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	A17515
RGB	161, 117, 21
RGB Percent	63%, 46%, 8%
CMY	0.3686, 0.5412, 0.9176
CMYK	0.00, 0.27, 0.87, 0.37
HSL	41°, 77%, 36%
HSV	41°, 87%, 63%
XYZ	21.1946, 20.3538, 3.5211
YIQ	119.2120, 57.0400, -20.5280

Conversions

Conversions Part 2

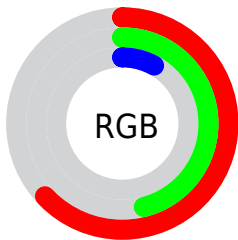
Format	Color
R_{YB}	85, 161, 21
Decimal	10581269
CIE _{Lab}	52.23, 9.09, 53.93
CIE _{LCh}	52, 54.687, 80.436
Yxy	20.3538, 0.4703, 0.4516
Android (android.graphics.Color)	4288771349 (0xFFA17515)
YUV	119.2120, -48.4185, 36.6481
Hunter-Lab	45.1152, 4.9057, 26.9532

Details

The XYZ color **21.1946, 20.3538, 3.5211** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.6326, 6.5133, 34.5201**, and the grayscale version is **17.7385, 18.6623, 20.3232**.

A 20% lighter version of the original color is **45.0077, 44.1134, 12.9801**, and **7.9538, 7.2595, 0.9820** is the 20% darker color. If you saturate the color by 10%, you get **20.5128, 19.1640, 2.7587**, and if you desaturate by 10%, it is **22.0008, 21.6461, 4.7775**.

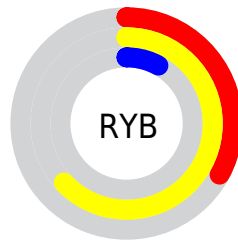
Distribution



Red (63%)

Green (46%)

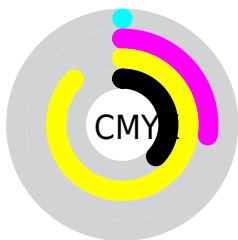
Blue (8%)



Red (33%)

Yellow (63%)

Blue (8%)

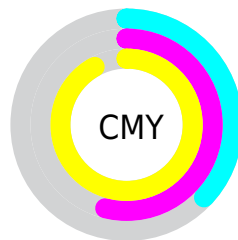


Cyan (0%)

Magenta (27%)

Yellow (87%)

Black (37%)



Cyan (37%)

Magenta (54%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1946, 20.3538, 3.5211 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 21.1946, 20.3538, 3.5211 by changing the saturation by 10% instead.

■ 21.1946, 20.3538,
3.5211

■ 21.1946, 20.3538,
3.5211

251.0231,
253.8241, 142.7436

■ 13.3796, 12.6525,
1.3665

■ 44.9000, 44.0096,
12.8893

■ 7.7692, 7.1897,
0.1154

■ 61.5211, 60.7328,
20.9399

■ 3.9982, 3.5810,
0.0000

■ 81.8083, 81.2321,
31.7930

■ 1.7011, 1.4421,
0.0000

■ 106.1270,
105.8920, 45.8670

■ 0.4570, 0.2474,
0.0000

■ 134.8424,
135.0967, 63.5806

■ 0.0000, 0.0000,
0.0000

■ 168.3200,

169.2307, 85.3522

206.9251,
208.6783, 111.6003

21.1946, 20.3538,
3.5211

21.1946, 20.3538,
3.5211

20.5128, 19.1640,
2.7587

22.0008, 21.6461,
4.7775

20.3174, 18.8161,
2.5610

22.9505, 23.0467,
6.6318

24.0577, 24.5628,
9.1531

25.3339, 26.1998,
12.4007

26.7897, 27.9627,
16.4274

■ 28.4345, 29.8559,
21.2808

■ 30.2771, 31.8836,
27.0048

■ 32.3257, 34.0499,
33.6403

■ 34.5878, 36.3583,
41.2254

Harmonies

Analogous

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



27.0652, 20.3538, 5.8545



21.1946, 20.3538, 3.5211



15.8171, 20.3538, 3.9847

Triad

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



21.1946, 20.3538, 3.5211



10.8931, 20.3538, 34.7990



28.9143, 20.3538, 48.2503

Complementary

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



21.1946, 20.3538, 3.5211



8.6326, 6.5133, 34.5201

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.



23.3635, 20.3538, 65.5687



21.1946, 20.3538, 3.5211



13.2542, 20.3538, 55.5452

Square

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



21.1946, 20.3538, 3.5211



10.5362, 20.3538, 17.4133



17.6075, 20.3538, 68.7420



32.0574, 20.3538, 27.7035

Rectangle

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



21.1946, 20.3538, 3.5211



13.1566, 20.3538, 5.9798



17.6075, 20.3538, 68.7420



27.2229, 20.3538, 54.9892

Sweetspot

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



21.1951, 20.3548, 3.5215



51.0698, 53.6333, 38.5540



15.9300, 8.4991, 5.8532



10.9824, 11.5162, 7.7988



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.1951, 20.3548, 3.5215



36.2036, 33.3315, 4.5255



22.9256, 30.7223, 5.4314



7.4608, 7.8600, 7.5040



16.2646, 15.1031, 2.0580



0.3811, 0.3960, 0.0563

Inverse Universe

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



8.6326, 6.5133, 34.5201



13.4524, 8.4713, 61.3126



7.8584, 3.7063, 34.0191



6.8737, 7.2063, 8.9317



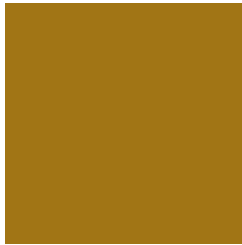
6.1023, 3.9841, 27.3772



0.1688, 0.1650, 0.5888

Previews

White Background



This preview shows how the XYZ color 21.1946, 20.3538, 3.5211 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



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 21.1946, 20.3538, 3.5211

Background



This preview shows how black text looks on a background with the XYZ color 21.1946, 20.3538, 3.5211.



This preview shows how white text looks on a background with the XYZ color 21.1946, 20.3538,

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

21.1946, 20.3538, 3.5211

Protanopia

18.4728, 20.3918, 3.7730

Deuteranopia

20.8236, 20.5133, 3.5238



Tritanopia

24.4054, 20.3286, 19.4671

Trichromacy



Original Color

21.1946, 20.3538, 3.5211

Protanomaly

19.3171, 20.2729, 3.6540

Deuteranomaly

20.9028, 20.3783, 3.4935

Tritanomaly

22.6270, 20.0901, 10.6678

Monochromacy



Original Color

21.1946, 20.3538, 3.5211

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.8713, 18.6497, 10.8415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1946, 20.3538, 3.5211 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(161, 117, 21)` looks like.

```
.text, #text, p{  
    color:rgb(161, 117, 21)  
}
```

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(161, 117, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 117, 21) }
```

Border

The CSS property to change the border of an element to XYZ 21.1946, 20.3538, 3.5211 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(161, 117, 21) }
```


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

```
.border{ border-color:rgb(161, 117, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 117, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 117, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 117, 21);  
box-shadow:4px 4px 4px 4px rgb(161, 117,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1946, 20.3538, 3.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 117, 21) }
```

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

```
.background{ background-color: rgb(161,  
117, 21) }
```

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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