

Converting Colors

XYZ(56.9673, 52.1995, 21.6782)

Have a look what the booklet for
XYZ(56.9673, 52.1995, 21.6782)
contains.

XYZ(56.9971, 52.1113, 21.5224)	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(56.9971, 52.1113,
21.5224)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B06D
RGB	248, 176, 109
RGB Percent	97%, 69%, 43%
CMY	0.0275, 0.3098, 0.5725
CMYK	0.00, 0.29, 0.56, 0.03
HSL	29°, 91%, 70%
HSV	29°, 56%, 97%
XYZ	56.9971, 52.1113, 21.5224
YIQ	189.8900, 64.4190, -5.5730

Conversions

Conversions Part 2

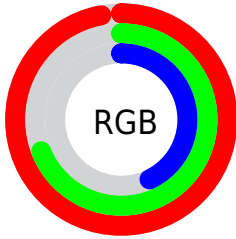
Format	Color
RYB	248, 238, 109
Decimal	16298093
CIELab	77.35, 19.28, 44.44
CIElCh	77, 48.442, 66.546
Yxy	52.1113, 0.4363, 0.3989
Android (android.graphics.Color)	4294488173 (0xFFF8B06D)
YUV	189.8900, -39.8788, 50.9625
Hunter-Lab	72.1882, 14.6077, 32.8548

Details

The XYZ color **56.9971, 52.1113, 21.5224** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **39.7730, 43.0743, 95.0245**, and the grayscale version is **49.0778, 51.6337, 56.2291**.

A 20% lighter version of the original color is **76.6182, 81.5819, 45.8911**, and **28.6114, 25.1731, 7.4886** is the 20% darker color. If you saturate the color by 10%, you get **53.4454, 46.8515, 14.6554**, and if you desaturate by 10%, it is **61.1663, 58.0035, 30.4539**.

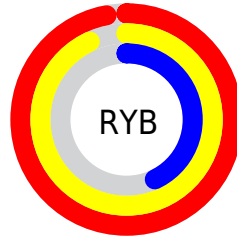
Distribution



Red (97%)

Green (69%)

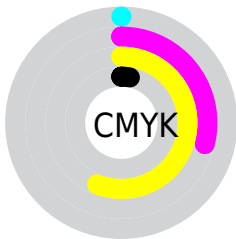
Blue (43%)



Red (97%)

Yellow (93%)

Blue (43%)

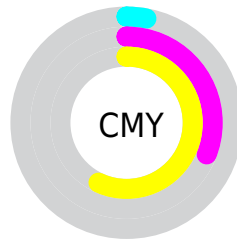


Cyan (0%)

Magenta (29%)

Yellow (56%)

Black (3%)



Cyan (3%)


Magenta (31%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9971, 52.1113, 21.5224 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 56.9971, 52.1113, 21.5224 by changing the saturation by 10% instead.


 56.9971, 52.1113,
21.5224


 56.9971, 52.1113,
21.5224


403.4528,
394.8661, 272.9135

 41.2430, 37.0938,
13.3114


 99.5923, 93.2954,
46.8474


 28.6976, 25.2801,
7.5101


 127.1642,
120.2307, 64.7985

 18.9953, 16.2859,
3.6999


 159.4061,
151.9075, 86.8333

 11.7708, 9.7267,
1.4622

 196.6833,
188.7100, 113.3706

 6.6589, 5.2181,
0.1895

239.3613,
231.0228, 144.8286

 3.2941, 2.3758,
0.0000

287.8052,

 1.3112, 0.8134,

279.2301, 181.6261

0.0000

342.3806,
333.7164, 224.1816

■ 0.1915, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9971, 52.1113,
21.5224

■ 56.9971, 52.1113,
21.5224

■ 53.4454, 46.8515,
14.6554

■ 61.1663, 58.0035,
30.4539

■ 50.4681, 42.1903,
9.6761

■ 65.9842, 64.5447,
41.6007

■ 48.0216, 38.1012,
6.3826

■ 71.4843, 71.7598,
55.1028

■ 46.0514, 34.5508,
4.5233

■ 77.6962, 79.6703,
71.0877

45.3737, 33.2813,
4.0325

84.6478, 88.2963,
89.6736

91.9107, 97.4753,
108.5781

92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



65.3372, 52.1113, 31.3731



56.9971, 52.1113, 21.5224



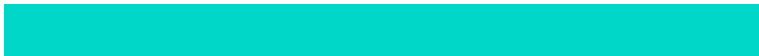
47.5186, 52.1113, 19.5433

Triad

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



56.9971, 52.1113, 21.5224



33.7983, 52.1113, 62.7840



60.9649, 52.1113, 108.6561

Complementary

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



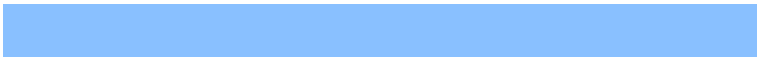
56.9971, 52.1113, 21.5224



39.7730, 43.0743, 95.0245

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.



51.5978, 52.1113, 124.3784



56.9971, 52.1113, 21.5224



36.5034, 52.1113, 93.0437

Square

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



56.9971, 52.1113, 21.5224



34.8645, 52.1113, 38.6938



42.7457, 52.1113, 117.9145



67.8212, 52.1113, 79.6726

Rectangle

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



56.9971, 52.1113, 21.5224



41.9575, 52.1113, 22.1405



42.7457, 52.1113, 117.9145



57.9633, 52.1113, 116.0218

Sweetspot

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



56.9983, 52.1139, 21.5234



82.0904, 84.0176, 73.9465



52.7413, 34.3186, 48.7173



17.2757, 17.6105, 15.0590



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.9983, 52.1139, 21.5234



56.5751, 49.3605, 14.9640



73.6320, 85.3812, 27.0680



17.9351, 18.6060, 18.1084



24.6499, 18.2565, 2.2247



2.3886, 1.9020, 0.2412

Inverse Universe

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



39.7730, 43.0743, 95.0245



36.5943, 38.8612, 100.1800



29.2264, 21.9811, 91.5090



17.0267, 18.1303, 21.9874



13.4958, 12.3471, 49.6455



1.3561, 1.3559, 4.6334

Previews

White Background



This preview shows how the XYZ color 56.9971, 52.1113, 21.5224 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 56.9971, 52.1113, 21.5224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

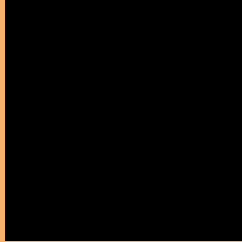
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9971, 52.1113, 21.5224

Background



This preview shows how black text looks on a background with the XYZ color 56.9971, 52.1113, 21.5224.



This preview shows how white text looks on a background with the XYZ color 56.9971, 52.1113,

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

56.9971, 52.1113, 21.5224

Protanopia

48.0198, 52.0547, 23.7363

Deuteranopia

53.5719, 52.4421, 21.4861



Tritanopia

62.9300, 52.0036, 49.9009

Trichromacy



Original Color

56.9971, 52.1113, 21.5224

Protanomaly

50.9710, 51.9980, 22.9730

Deuteranomaly

54.6246, 52.0759, 21.3600

Tritanomaly

60.3523, 51.7780, 37.3851

Monochromacy



Original Color

56.9971, 52.1113, 21.5224

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.6460, 51.1200, 40.9160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9971, 52.1113, 21.5224 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(248, 176, 109)` looks like.

```
.text, #text, p{  
    color:rgb(248, 176, 109)  
}
```

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(248, 176, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 176, 109) }
```

Border

The CSS property to change the border of an element to XYZ 56.9971, 52.1113, 21.5224 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(248, 176, 109) }
```


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

```
.border{ border-color:rgb(248, 176, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 176, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 176, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 176, 109);  
box-shadow:4px 4px 4px 4px rgb(248, 176,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9971, 52.1113, 21.5224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 176, 109) }
```

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

```
.background{ background-color: rgb(248,  
176, 109) }
```

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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