

Converting Colors

XYZ(52.3554, 52.0644, 22.0845)

Have a look what the booklet for
XYZ(52.3554, 52.0644, 22.0845)
contains.

XYZ(52.2681, 52.0648, 22.0465)	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(52.2681, 52.0648,
22.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B86E
RGB	229, 184, 110
RGB Percent	90%, 72%, 43%
CMY	0.1020, 0.2784, 0.5686
CMYK	0.00, 0.20, 0.52, 0.10
HSL	37°, 70%, 66%
HSV	37°, 52%, 90%
XYZ	52.2681, 52.0648, 22.0465
YIQ	189.0190, 50.5740, -13.4740

Conversions

Conversions Part 2

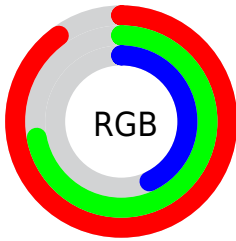
Format	Color
RYB	182, 229, 110
Decimal	15054958
CIELab	77.32, 7.40, 43.45
CIELCh	77, 44.080, 80.334
Yxy	52.0648, 0.4136, 0.4120
Android (android.graphics.Color)	4293245038 (0xFFE5B86E)
YUV	189.0190, -38.9564, 35.0633
Hunter-Lab	72.1559, 3.0284, 32.3937

Details

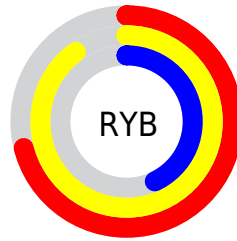
The XYZ color **52.2681, 52.0648, 22.0465** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.2941, 32.4136, 78.6829**, and the grayscale version is **48.5774, 51.1072, 55.6557**.

A 20% lighter version of the original color is **79.0109, 86.2245, 47.1290**, and **25.7265, 25.2168, 7.7864** is the 20% darker color. If you saturate the color by 10%, you get **49.4352, 48.1431, 15.7257**, and if you desaturate by 10%, it is **55.5358, 56.3405, 30.1026**.

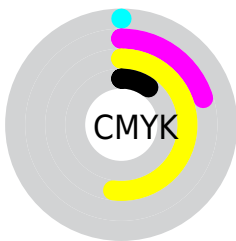
Distribution



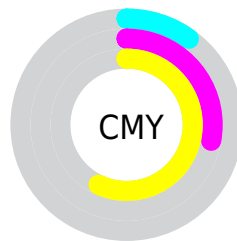
- Red (90%)
- Green (72%)
- Blue (43%)



- Red (71%)
- Yellow (90%)
- Blue (43%)



- Cyan (0%)
- Magenta (20%)
- Yellow (52%)
- Black (10%)



- Cyan (10%)
- Magenta (28%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2681, 52.0648, 22.0465 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 52.2681, 52.0648, 22.0465 by changing the saturation by 10% instead.

■ 52.2681, 52.0648,
22.0465

■ 52.2681, 52.0648,
22.0465

385.7777,
394.6867, 275.7504

■ 37.4439, 37.0567,
13.6924

■ 92.6984, 93.2268,
47.7260

■ 25.7267, 25.2514,
7.7708

■ 119.0353,
120.1495, 65.8885

■ 16.7509, 16.2645,
3.8629

■ 149.9404,
151.8126, 88.1576

■ 10.1512, 9.7115,
1.5505

■ 185.7792,
188.6004, 114.9518

■ 5.5624, 5.2081,
0.2551

226.9169,
230.8973, 146.6897

■ 2.6190, 2.3699,
0.0000

273.7190,

■ 0.9556, 0.8103,

279.0877, 183.7897

0.0000

326.5509,
333.5561, 226.6704

■ 0.0000, 0.0000,
0.0000

■ 52.2681, 52.0648,
22.0465

■ 52.2681, 52.0648,
22.0465

■ 49.4352, 48.1431,
15.7257

■ 55.5358, 56.3405,
30.1026

■ 47.0060, 44.5540,
11.0030

■ 59.2591, 60.9757,
40.0109

■ 44.9506, 41.2842,
7.7251

■ 63.4617, 65.9848,
51.8815

■ 43.2319, 38.3156,
5.7068

■ 68.1644, 71.3791,
65.8152

■ 42.0477, 36.1273,
4.7571

■ 73.3867, 77.1690,
81.9057

■ 79.1469, 83.3648,
100.2407

■ 82.8995, 88.9509,
107.4077

■ 85.5752, 94.3023,
108.2996

■ 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



60.6139, 52.0648, 27.8556



52.2681, 52.0648, 22.0465



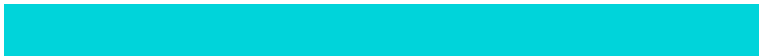
44.0452, 52.0648, 23.2628

Triad

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



52.2681, 52.0648, 22.0465



35.7449, 52.0648, 74.4710



63.0957, 52.0648, 91.9341

Complementary

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



52.2681, 52.0648, 22.0465



32.2941, 32.4136, 78.6829

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.



55.3575, 52.0648, 112.5632



52.2681, 52.0648, 22.0465



39.8110, 52.0648, 100.6517

Square

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



52.2681, 52.0648, 22.0465



35.1183, 52.0648, 49.2212



46.8045, 52.0648, 116.1427



67.3189, 52.0648, 64.8779

Rectangle

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



52.2681, 52.0648, 22.0465



39.6853, 52.0648, 28.0739



46.8045, 52.0648, 116.1427



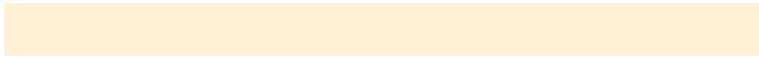
60.7805, 52.0648, 100.1400

Sweetspot

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



52.2694, 52.0673, 22.0475



84.4378, 88.1945, 76.3252



43.8576, 30.1977, 34.8003



17.8077, 18.5725, 15.5507



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.



52.2694, 52.0673, 22.0475



62.9578, 61.2507, 19.7892



58.8925, 71.6291, 25.4743



15.1198, 15.8535, 15.1676



24.1604, 20.8949, 2.7597



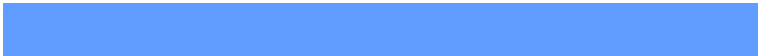
1.8742, 1.7216, 0.2335

Inverse Universe

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



32.2941, 32.4136, 78.6829



34.9718, 33.7612, 99.2811



28.0146, 21.0860, 76.7220



14.0272, 14.7757, 18.2570



10.1227, 7.3075, 43.2601



0.8352, 0.7144, 3.2258

Previews

White Background



This preview shows how the XYZ color 52.2681, 52.0648, 22.0465 looks on a white background.

Color Contrast Check

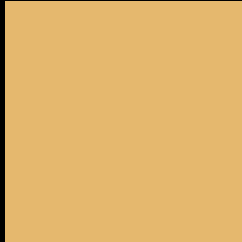
Large Text (above 18pt) WCAG AA × Fail

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 52.2681, 52.0648, 22.0465 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 52.2681, 52.0648, 22.0465

Background



This preview shows how black text looks on a background with the XYZ color 52.2681, 52.0648, 22.0465.



This preview shows how white text looks on a background with the XYZ color 52.2681, 52.0648,

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

52.2681, 52.0648, 22.0465

Protanopia

47.9059, 52.0092, 23.1366

Deuteranopia

53.1467, 51.9053, 21.9694



Tritanopia

58.9991, 52.1237, 54.5282

Trichromacy



Original Color

52.2681, 52.0648, 22.0465

Protanomaly

49.2268, 51.7352, 22.7206

Deuteranomaly

53.0267, 52.1486, 22.0227

Tritanomaly

55.8698, 51.7025, 40.2926

Monochromacy



Original Color

52.2681, 52.0648, 22.0465

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.0173, 50.9161, 40.5020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2681, 52.0648, 22.0465 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(229, 184, 110)` looks like.

```
.text, #text, p{  
    color:rgb(229, 184, 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(229, 184, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 184, 110) }
```

Border

The CSS property to change the border of an element to XYZ 52.2681, 52.0648, 22.0465 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(229, 184, 110) }
```


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

```
.border{ border-color:rgb(229, 184, 110) }
```

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

Here you see how a box with a 4 pixel rgb(229, 184, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 184, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 184, 110);  
box-shadow:4px 4px 4px 4px rgb(229, 184,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2681, 52.0648, 22.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 184, 110) }
```

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

```
.background{ background-color: rgb(229,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor