

Converting Colors

XYZ(52.1226, 51.1777, 22.7812)

Have a look what the booklet for
XYZ(52.1226, 51.1777, 22.7812)
contains.

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Color

**XYZ(52.1376, 51.0630,
22.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B571
RGB	230, 181, 113
RGB Percent	90%, 71%, 44%
CMY	0.0980, 0.2902, 0.5569
CMYK	0.00, 0.21, 0.51, 0.10
HSL	35°, 70%, 67%
HSV	35°, 51%, 90%
XYZ	52.1376, 51.0630, 22.7310
YIQ	187.8990, 51.0320, -10.7600

Conversions

Conversions Part 2

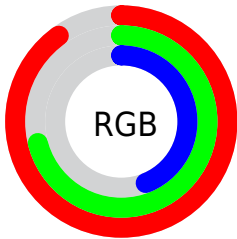
Format	Color
RYB	197, 230, 113
Decimal	15119729
CIELab	76.72, 9.66, 41.21
CIELCh	77, 42.328, 76.813
Yxy	51.0630, 0.4140, 0.4055
Android (android.graphics.Color)	4293309809 (0xFFE6B571)
YUV	187.8990, -36.9252, 36.9226
Hunter-Lab	71.4584, 5.1853, 31.1606

Details

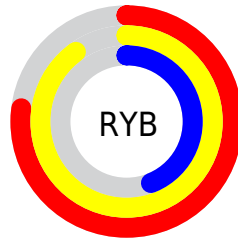
The XYZ color **52.1376, 51.0630, 22.7310** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.0127, 35.0631, 79.8377**, and the grayscale version is **47.9265, 50.4224, 54.9100**.

A 20% lighter version of the original color is **78.4071, 84.5815, 48.2698**, and **25.6296, 24.5679, 8.0939** is the 20% darker color. If you saturate the color by 10%, you get **49.1123, 46.8287, 16.1237**, and if you desaturate by 10%, it is **55.6289, 55.7042, 31.1134**.

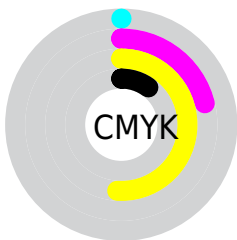
Distribution



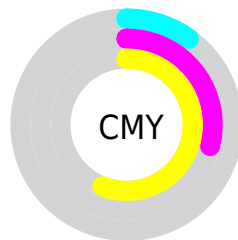
- Red (90%)
- Green (71%)
- Blue (44%)



- Red (77%)
- Yellow (90%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (10%)



- Cyan (10%)
- Magenta (29%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1376, 51.0630, 22.7310 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 52.1376, 51.0630, 22.7310 by changing the saturation by 10% instead.

52.1376, 51.0630,
22.7310

52.1376, 51.0630,
22.7310

385.2828,
390.8085, 279.4173

37.3395, 36.2587,
14.1916

92.5072, 91.7479,
48.8688

25.6453, 24.6341,
8.1138

118.8093,
118.3973, 67.3043

16.6898, 15.8047,
4.0790

149.6769,
149.7639, 89.8756

10.1075, 9.3860,
1.6688

185.4751,
186.2321, 117.0012

5.5331, 4.9938,
0.3392

226.5695,
228.1863, 149.0996

2.6013, 2.2436,
0.0000

273.3254,

0.9466, 0.7436,

276.0108, 186.5894

0.0000

326.1080,
330.0901, 229.8891

■ 0.0000, 0.0000,
0.0000

■ 52.1376, 51.0630,
22.7310

■ 52.1376, 51.0630,
22.7310

■ 49.1123, 46.8287,
16.1237

■ 55.6289, 55.7042,
31.1134

■ 46.5213, 42.9785,
11.1543

■ 59.6077, 60.7594,
41.3879

■ 44.3341, 39.4976,
7.6702

■ 64.0986, 66.2443,
53.6651

■ 42.5130, 36.3664,
5.4883

■ 69.1231, 72.1716,
68.0462

■ 41.1147, 33.7864,
4.3544

■ 74.7012, 78.5533,
84.6253

■ 80.8521, 85.4007,
103.4909

■ 84.3814, 91.4398,
107.8100

■ 86.4430, 95.5629,
108.4972

Harmonies

Analogous

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



59.8715, 51.0630, 29.2135



52.1376, 51.0630, 22.7310



44.2084, 51.0630, 23.1318

Triad

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



52.1376, 51.0630, 22.7310



35.2178, 51.0630, 69.3774



60.6687, 51.0630, 91.6335

Complementary

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



52.1376, 51.0630, 22.7310



34.0127, 35.0631, 79.8377

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.



53.1326, 51.0630, 109.4984



52.1376, 51.0630, 22.7310



38.7263, 51.0630, 94.4186

Square

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



52.1376, 51.0630, 22.7310



35.0142, 51.0630, 46.1198



45.1001, 51.0630, 110.6388



65.1502, 51.0630, 66.2953

Rectangle

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



52.1376, 51.0630, 22.7310



39.8673, 51.0630, 27.2060



45.1001, 51.0630, 110.6388



58.3733, 51.0630, 98.9832

Sweetspot

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



52.1388, 51.0655, 22.7320



84.5933, 87.9796, 77.9985



45.2122, 31.3032, 38.6397



17.8192, 18.4921, 15.8738



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.



52.1388, 51.0655, 22.7320



61.8974, 58.9369, 20.0311



61.4628, 73.3468, 26.5413



15.0694, 15.7527, 15.1508



23.4004, 19.3750, 2.5064



1.8205, 1.6144, 0.2157

Inverse Universe

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



34.0127, 35.0631, 79.8377



36.6257, 36.6598, 99.7534



28.0456, 21.5745, 77.5487



14.0763, 14.8740, 18.2734



10.5852, 8.2325, 43.4143



0.8723, 0.7885, 3.2382

Previews

White Background



This preview shows how the XYZ color 52.1376, 51.0630, 22.7310 looks on a white background.

Color Contrast Check

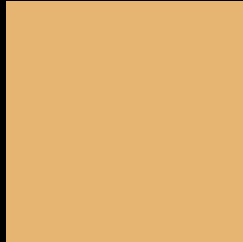
Large Text (above 18pt) WCAG AA × Fail

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 52.1376, 51.0630, 22.7310 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 52.1376, 51.0630, 22.7310

Background



This preview shows how black text looks on a background with the XYZ color 52.1376, 51.0630, 22.7310.



This preview shows how white text looks on a background with the XYZ color 52.1376, 51.0630,

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

52.1376, 51.0630, 22.7310

Protanopia

47.2980, 51.3533, 23.9423

Deuteranopia

52.1376, 51.0630, 22.7310



Tritanopia

58.1016, 50.8407, 52.6499

Trichromacy



Original Color

52.1376, 51.0630, 22.7310

Protanomaly

48.8892, 51.2255, 23.5304

Deuteranomaly

52.1376, 51.0630, 22.7310

Tritanomaly

55.5197, 50.6556, 39.6522

Monochromacy



Original Color

52.1376, 51.0630, 22.7310

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.4106, 49.9676, 40.8114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1376, 51.0630, 22.7310 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(230, 181, 113)` looks like.

```
.text, #text, p{  
    color:rgb(230, 181, 113)  
}
```

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(230, 181, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 181, 113) }
```

Border

The CSS property to change the border of an element to XYZ 52.1376, 51.0630, 22.7310 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(230, 181, 113) }
```


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

```
.border{ border-color:rgb(230, 181, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 181, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 181, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 181, 113);  
box-shadow:4px 4px 4px 4px rgb(230, 181,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1376, 51.0630, 22.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 181, 113) }
```

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

```
.background{ background-color: rgb(230,  
181, 113) }
```

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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