

Converting Colors

XYZ(52.2026, 52.2163, 41.9857)

Have a look what the booklet for
XYZ(52.2026, 52.2163, 41.9857)
contains.

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Color

**XYZ(52.1941, 52.2092,
41.9768)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BAA3
RGB	215, 186, 163
RGB Percent	84%, 73%, 64%
CMY	0.1569, 0.2706, 0.3608
CMYK	0.00, 0.13, 0.24, 0.16
HSL	27°, 39%, 74%
HSV	27°, 24%, 84%
XYZ	52.1941, 52.2092, 41.9768
YIQ	192.0490, 24.6670, -1.0050

Conversions

Conversions Part 2

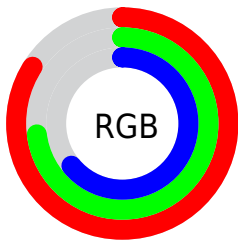
Format	Color
R _Y B	215, 204, 163
Decimal	14138019
CIE Lab	77.41, 6.84, 15.48
CIE LCh	77, 16.925, 66.178
Yxy	52.2092, 0.3566, 0.3567
Android (android.graphics.Color)	4292328099 (0xFFD7BAA3)
YUV	192.0490, -14.3212, 20.1280
Hunter-Lab	72.2559, 2.4917, 16.1349

Details

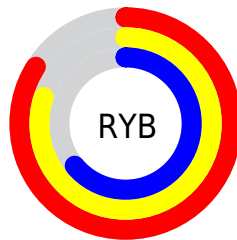
The XYZ color **52.1941, 52.2092, 41.9768** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **46.2193, 50.3908, 71.5807**, and the grayscale version is **50.2036, 52.8181, 57.5189**.

A 20% lighter version of the original color is **85.6470, 89.8262, 79.1538**, and **25.7540, 25.3963, 18.5835** is the 20% darker color. If you saturate the color by 10%, you get **48.0089, 46.6637, 31.8720**, and if you desaturate by 10%, it is **56.9216, 58.3143, 53.8792**.

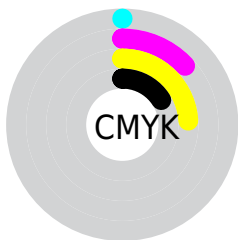
Distribution



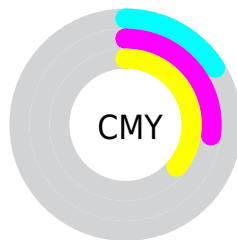
- Red (84%)
- Green (73%)
- Blue (64%)



- Red (84%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1941, 52.2092, 41.9768 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 52.1941, 52.2092, 41.9768 by changing the saturation by 10% instead.


 52.1941, 52.2092,
41.9768


 52.1941, 52.2092,
41.9768


385.4971,
395.2437, 370.1836

 37.3847, 37.1719,
28.7577

 92.5900, 93.4397,
79.4342

 25.6805, 25.3406,
18.6536


 118.9071,
120.4016, 104.5096

 16.7162, 16.3310,
11.2460


149.7910,
152.1072, 134.3742

 10.1264, 9.7587,
6.1163

185.6068,
188.9408, 169.4465

 5.5458, 5.2392,
2.8460

226.7200,
231.2869, 210.1450

 2.6089, 2.3883,
1.0165

273.4958,

 0.9505, 0.8199,

279.5298, 256.8884

0.0000

326.2998,
334.0539, 310.0950

■ 0.0000, 0.0000,
0.0000

■ 52.1941, 52.2092,
41.9768

■ 52.1941, 52.2092,
41.9768

■ 48.0089, 46.6637,
31.8720

■ 56.9216, 58.3143,
53.8792

■ 44.3400, 41.6538,
23.4728

■ 62.2075, 64.9881,
67.6588

■ 41.1654, 37.1637,
16.6834

■ 68.0726, 72.2482,
83.3941

■ 38.4598, 33.1745,
11.3977

■ 74.5350, 80.1096,
101.1582

■ 36.1949, 29.6654,
7.4961

■ 79.0146, 87.5474,
107.3416

■ 34.3388, 26.6138,
4.8406

■ 81.8345, 93.1871,
108.2815

■ 32.8536, 23.9943,
3.2639

■ 32.1269, 22.6521,
2.6790

Harmonies

Analogous

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



54.8481, 52.2092, 46.9099



52.1941, 52.2092, 41.9768



48.9528, 52.2092, 40.8251

Triad

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



52.1941, 52.2092, 41.9768



43.6579, 52.2092, 58.7976



53.4099, 52.2092, 72.5761

Complementary

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



52.1941, 52.2092, 41.9768



46.2193, 50.3908, 71.5807

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.



50.2998, 52.2092, 76.5924



52.1941, 52.2092, 41.9768



44.7412, 52.2092, 68.0966

Square

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



52.1941, 52.2092, 41.9768



44.1156, 52.2092, 49.9108



47.1383, 52.2092, 74.8697



55.5713, 52.2092, 64.3976

Rectangle

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



52.1941, 52.2092, 41.9768



46.9133, 52.2092, 42.2317



47.1383, 52.2092, 74.8697



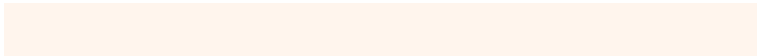
52.4356, 52.2092, 74.4962

Sweetspot

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



52.1955, 52.2116, 41.9779



89.2145, 92.7162, 93.4296



50.6883, 44.4686, 56.0530



18.9921, 19.7150, 19.7266



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.



52.1955, 52.2116, 41.9779



73.5727, 72.5723, 53.8731



58.0626, 63.9458, 43.9336



12.8709, 13.3160, 13.0526



19.3177, 13.7526, 1.6364



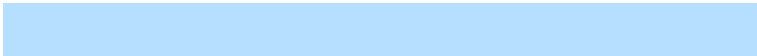
1.2469, 0.9930, 0.1259

Inverse Universe

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



46.2193, 50.3908, 71.5807



63.3149, 69.4441, 104.6747



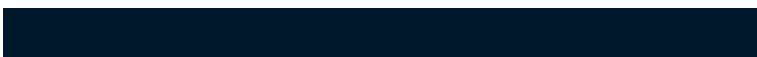
41.0918, 40.1360, 69.8715



12.3111, 13.1457, 15.8260



11.4528, 11.1673, 40.0050



0.7727, 0.8374, 2.4402

Previews

White Background



This preview shows how the XYZ color 52.1941, 52.2092, 41.9768 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 52.1941, 52.2092, 41.9768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

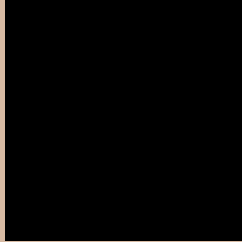
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1941, 52.2092, 41.9768

Background



This preview shows how black text looks on a background with the XYZ color 52.1941, 52.2092, 41.9768.



This preview shows how white text looks on a background with the XYZ color 52.1941, 52.2092,

41.9768.

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

52.1941, 52.2092, 41.9768

Protanopia

49.5097, 52.3957, 43.1013

Deuteranopia

53.2665, 52.1410, 41.9071



Tritanopia

55.5876, 52.0479, 58.7462

Trichromacy



Original Color

52.1941, 52.2092, 41.9768

Protanomaly

50.3520, 52.1973, 42.5432

Deuteranomaly

52.8733, 52.2477, 41.9484

Tritanomaly

54.3942, 52.1913, 52.0068

Monochromacy



Original Color

52.1941, 52.2092, 41.9768

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5734, 52.4425, 51.1730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1941, 52.2092, 41.9768 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(215, 186, 163) looks like.

```
.text, #text, p{  
    color:rgb(215, 186, 163)  
}
```

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(215, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 186, 163) }
```

Border

The CSS property to change the border of an element to XYZ 52.1941, 52.2092, 41.9768 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(215, 186, 163) }
```


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

```
.border{ border-color:rgb(215, 186, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 186, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(215, 186,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1941, 52.2092, 41.9768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 186, 163) }
```

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

```
.background{ background-color: rgb(215,  
186, 163) }
```

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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