

Converting Colors

XYZ(51.7374, 52.4124, 22.1416)

Have a look what the booklet for
XYZ(51.7374, 52.4124, 22.1416)
contains.

XYZ(51.7374, 52.4124, 22.1416) 3
Conversions 4
Details 6
Harmonies 12
Previews 24
Color Blindness Simulation 28
CSS Examples 31

Color

**XYZ(51.7374, 52.4124,
22.1416)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BA6E
RGB	226, 186, 110
RGB Percent	89%, 73%, 43%
CMY	0.1137, 0.2706, 0.5686
CMYK	0.00, 0.18, 0.51, 0.11
HSL	39°, 67%, 66%
HSV	39°, 51%, 89%
XYZ	51.7374, 52.4124, 22.1416
YIQ	189.2960, 48.2360, -15.1560

Conversions

Conversions Part 2

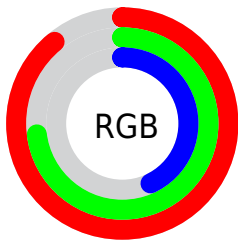
Format	Color
RYB	171, 226, 110
Decimal	14858862
CIELab	77.53, 5.12, 43.64
CIElCh	78, 43.941, 83.313
Yxy	52.4124, 0.4097, 0.4150
Android (android.graphics.Color)	4293048942 (0xFFE2BA6E)
YUV	189.2960, -39.0929, 32.1894
Hunter-Lab	72.3964, 0.8696, 32.5443

Details

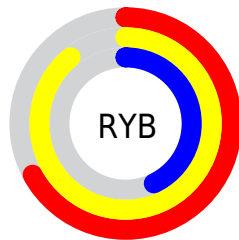
The XYZ color **51.7374, 52.4124, 22.1416** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.0637, 30.6174, 76.2237**, and the grayscale version is **48.7380, 51.2762, 55.8398**.

A 20% lighter version of the original color is **79.6030, 87.4086, 47.3264**, and **25.3516, 25.4261, 7.8465** is the 20% darker color. If you saturate the color by 10%, you get **49.0637, 48.7895, 15.9346**, and if you desaturate by 10%, it is **54.8170, 56.3449, 30.0330**.

Distribution



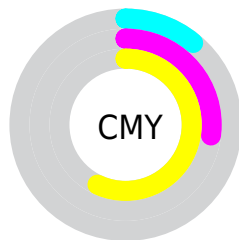
- Red (89%)
- Green (73%)
- Blue (43%)



- Red (67%)
- Yellow (89%)
- Blue (43%)



- Cyan (0%)
- Magenta (18%)
- Yellow (51%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7374, 52.4124, 22.1416 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 51.7374, 52.4124, 22.1416 by changing the saturation by 10% instead.

■ 51.7374, 52.4124,
22.1416

■ 51.7374, 52.4124,
22.1416

383.7626,
396.0266, 276.2624

■ 37.0192, 37.3339,
13.7617

■ 91.9204, 93.7392,
47.8851

■ 25.3961, 25.4661,
7.8182

■ 118.1159,
120.7562, 66.0858

■ 16.5027, 16.4247,
3.8928

■ 148.8679,
152.5215, 88.3971

■ 9.9737, 9.8252,
1.5667

■ 184.5417,
189.4196, 115.2376

■ 5.4436, 5.2832,
0.2669

225.5027,
231.8347, 147.0259

■ 2.5473, 2.4144,
0.0000

272.1163,

■ 0.9191, 0.8333,

280.1514, 184.1804

0.0000

324.7478,
334.7539, 227.1197

■ 0.0000, 0.0000,
0.0000

■ 51.7374, 52.4124,
22.1416

■ 51.7374, 52.4124,
22.1416

■ 49.0637, 48.7895,
15.9346

■ 54.8170, 56.3449,
30.0330

■ 46.7663, 45.4560,
11.2801

■ 58.3217, 60.5910,
39.7208

■ 44.8170, 42.4005,
8.0315

■ 62.2742, 65.1637,
51.3110

■ 43.1811, 39.6066,
6.0124

■ 66.6940, 70.0731,
64.9006

■ 41.9663, 37.3735,
5.0019

■ 71.5995, 75.3285,
80.5796

■ 77.0078, 80.9390,
98.4328

■ 80.7361, 86.0332,
106.9586

■ 83.0865, 90.7339,
107.7420

■ 85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



60.1962, 52.4124, 27.2361



51.7374, 52.4124, 22.1416



43.6436, 52.4124, 24.0514

Triad

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



51.7374, 52.4124, 22.1416



36.3040, 52.4124, 77.5943



64.0547, 52.4124, 89.7246

Complementary

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



51.7374, 52.4124, 22.1416



31.0637, 30.6174, 76.2237

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.



56.5454, 52.4124, 111.5286



51.7374, 52.4124, 22.1416



40.7042, 52.4124, 103.2508

Square

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



51.7374, 52.4124, 22.1416



35.3256, 52.4124, 51.8064



47.9436, 52.4124, 117.0760



67.8103, 52.4124, 62.6747

Rectangle

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



51.7374, 52.4124, 22.1416



39.4565, 52.4124, 29.4084



47.9436, 52.4124, 117.0760



61.8475, 52.4124, 98.1891

Sweetspot

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



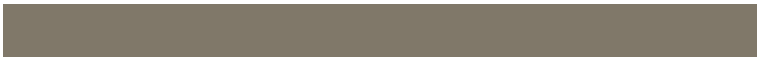
51.7387, 52.4149, 22.1426



85.4281, 89.6493, 78.2768



42.4936, 29.5424, 32.5713



18.0207, 18.8951, 15.9410



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.



51.7387, 52.4149, 22.1426



64.1611, 63.6573, 20.1903



56.1922, 69.0153, 25.1121



14.4532, 15.1923, 14.4774



24.0566, 21.5511, 2.8919



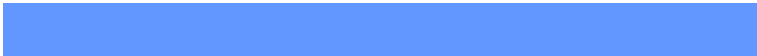
1.7499, 1.6587, 0.2279

Inverse Universe

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



31.0637, 30.6174, 76.2237



34.1017, 32.0212, 98.9911



28.1159, 21.1862, 74.5586



13.3365, 14.0122, 17.3894



9.4824, 6.4343, 41.7905



0.7387, 0.6089, 2.9238

Previews

White Background



This preview shows how the XYZ color 51.7374, 52.4124, 22.1416 looks on a white background.

Color Contrast Check

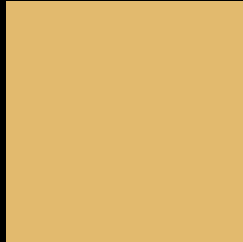
Large Text (above 18pt) WCAG AA × Fail

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 51.7374, 52.4124, 22.1416 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 51.7374, 52.4124, 22.1416

Background



This preview shows how black text looks on a background with the XYZ color 51.7374, 52.4124, 22.1416.



This preview shows how white text looks on a background with the XYZ color 51.7374, 52.4124,

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

51.7374, 52.4124, 22.1416

Protanopia

48.3526, 52.5708, 22.9280

Deuteranopia

53.4070, 52.3383, 22.3264



Tritanopia

58.6207, 52.4856, 55.7563

Trichromacy



Original Color

51.7374, 52.4124, 22.1416

Protanomaly

49.6016, 52.5735, 22.5723

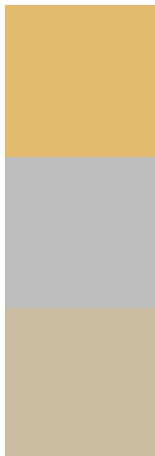
Deuteranomaly

52.6429, 52.2517, 22.3499

Tritanomaly

55.3874, 52.0387, 40.8435

Monochromacy



Original Color

51.7374, 52.4124, 22.1416

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.6855, 51.0611, 40.5475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7374, 52.4124, 22.1416 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(226, 186, 110)` looks like.

```
.text, #text, p{  
    color:rgb(226, 186, 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(226, 186, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 186, 110) }
```

Border

The CSS property to change the border of an element to XYZ 51.7374, 52.4124, 22.1416 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(226, 186, 110) }
```


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

```
.border{ border-color:rgb(226, 186, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 186, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 186, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 186, 110); box-shadow:4px 4px 4px 4px rgb(226, 186, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7374, 52.4124, 22.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 186, 110) }
```

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

```
.background{ background-color: rgb(226,  
186, 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](#).

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