

Converting Colors

XYZ(47.0829, 45.2116, 32.4178)

Have a look what the booklet for
XYZ(47.0829, 45.2116, 32.4178)
contains.

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Color

**XYZ(47.2524, 45.4051,
32.2602)**

Conversions

Conversions Part 1

Format	Color
Hex	D6AB8F
RGB	214, 171, 143
RGB Percent	84%, 67%, 56%
CMY	0.1608, 0.3294, 0.4392
CMYK	0.00, 0.20, 0.33, 0.16
HSL	24°, 46%, 70%
HSV	24°, 33%, 84%
XYZ	47.2524, 45.4051, 32.2602
YIQ	180.6650, 34.6160, 0.4080

Conversions

Conversions Part 2

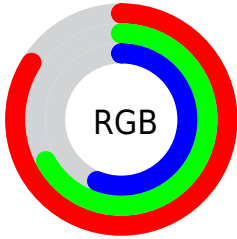
Format	Color
R_{YB}	214, 189, 143
Decimal	14068623
CIE _{Lab}	73.16, 11.79, 20.39
CIE _{LCh}	73, 23.554, 59.955
Yxy	45.4051, 0.3783, 0.3635
Android (android.graphics.Color)	4292258703 (0xFFD6AB8F)
YUV	180.6650, -18.5688, 29.2348
Hunter-Lab	67.3833, 7.2520, 18.7828

Details

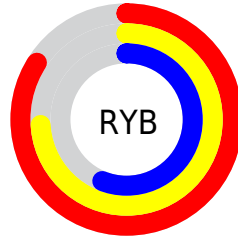
The XYZ color **47.2524, 45.4051, 32.2602** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.0237, 45.8111, 70.2987**, and the grayscale version is **43.8250, 46.1073, 50.2109**.

A 20% lighter version of the original color is **78.5144, 79.6839, 64.0657**, and **22.6732, 21.2531, 13.2632** is the 20% darker color. If you saturate the color by 10%, you get **43.4545, 40.1609, 23.7447**, and if you desaturate by 10%, it is **51.6019, 51.2573, 42.4863**.

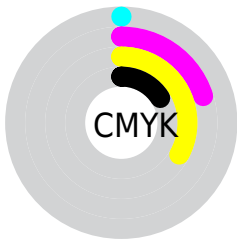
Distribution



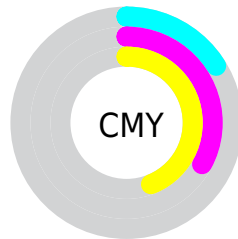
- Red (84%)
- Green (67%)
- Blue (56%)



- Red (84%)
- Yellow (74%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2524, 45.4051, 32.2602 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 47.2524, 45.4051, 32.2602 by changing the saturation by 10% instead.

 47.2524, 45.4051,
32.2602


 47.2524, 45.4051,
32.2602


366.4532,
368.4118, 326.8320

 33.4440, 31.7766,
21.2939

 85.3067, 83.3280,
64.3214

 22.6277, 21.1909,
13.1456


 110.2833,
108.3912, 86.2534

 14.4380, 13.2636,
7.3970

139.7134,
138.0347, 112.6776

 8.5097, 7.6103,
3.6294

173.9623,
172.6430, 144.0127

 4.4773, 3.8466,
1.4243

213.3954,
212.6005, 180.6771

 1.9755, 1.5882,
0.1606

258.3780,

 0.6202, 0.3496,

258.2915, 223.0895

0.0000

309.2755,
310.1005, 271.6682

■ 0.0000, 0.0000,
0.0000

■ 47.2524, 45.4051,
32.2602

■ 47.2524, 45.4051,
32.2602

■ 43.4545, 40.1609,
23.7447

■ 51.6019, 51.2573,
42.4863

■ 40.1803, 35.4975,
16.8417

■ 56.5224, 57.7308,
54.5079

■ 37.4043, 31.3949,
11.4477

■ 62.0365, 64.8465,
68.4077

■ 35.0971, 27.8293,
7.4454

■ 68.1645, 72.6223,
84.2622

■ 33.2257, 24.7748,
4.7000

■ 74.9256, 81.0752,
102.1439

■ 31.7513, 22.2022,
3.0491

■ 79.5835, 89.1198,
107.6151

■ 30.9337, 20.7003,
2.3652

■ 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



50.4030, 45.4051, 38.9371



47.2524, 45.4051, 32.2602



43.1625, 45.4051, 30.0170

Triad

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



47.2524, 45.4051, 32.2602



35.6974, 45.4051, 49.4204



47.2408, 45.4051, 71.8583

Complementary

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



47.2524, 45.4051, 32.2602



41.0237, 45.8111, 70.2987

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.



43.1499, 45.4051, 75.8243



47.2524, 45.4051, 32.2602



36.6396, 45.4051, 61.6760

Square

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



47.2524, 45.4051, 32.2602



36.6452, 45.4051, 38.9105



39.3038, 45.4051, 71.8352



50.3960, 45.4051, 61.7122

Rectangle

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



47.2524, 45.4051, 32.2602



40.5043, 45.4051, 31.0059



39.3038, 45.4051, 71.8352



45.9213, 45.4051, 74.0242

Sweetspot

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



47.2536, 45.4072, 32.2611



86.4829, 89.0053, 87.1169



46.5008, 37.5202, 51.6838



18.2690, 18.7371, 18.0414



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.



47.2536, 45.4072, 32.2611



66.1110, 61.8023, 38.5816



54.6929, 60.2859, 34.7409



12.8211, 13.2164, 13.0360



18.7922, 12.7017, 1.4612



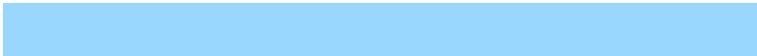
1.2130, 0.9251, 0.1146

Inverse Universe

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



41.0237, 45.8111, 70.2987



55.4284, 62.4753, 103.7453



34.5781, 32.9198, 68.1502



12.3620, 13.2474, 15.8430



12.2327, 12.7272, 40.2650



0.8175, 0.9270, 2.4551

Previews

White Background



This preview shows how the XYZ color 47.2524, 45.4051, 32.2602 looks on a white background.

Color Contrast Check

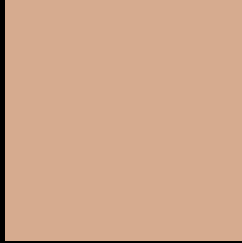
Large Text (above 18pt) WCAG AA × Fail

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 47.2524, 45.4051, 32.2602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

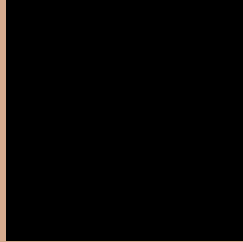
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2524, 45.4051, 32.2602

Background



This preview shows how black text looks on a background with the XYZ color 47.2524, 45.4051, 32.2602.



This preview shows how white text looks on a background with the XYZ color 47.2524, 45.4051,

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

47.2524, 45.4051, 32.2602

Protanopia

42.6218, 45.2939, 34.1000

Deuteranopia

46.4798, 45.5719, 32.3331



Tritanopia

50.6863, 45.4325, 48.7457

Trichromacy



Original Color

47.2524, 45.4051, 32.2602

Protanomaly

44.2668, 45.2681, 33.5986

Deuteranomaly

46.5744, 45.3371, 32.2828

Tritanomaly

49.5008, 45.5102, 42.2518

Monochromacy



Original Color

47.2524, 45.4051, 32.2602

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.6895, 45.5718, 43.0001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2524, 45.4051, 32.2602 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(214, 171, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 143)  
}
```

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(214, 171, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 143) }
```

Border

The CSS property to change the border of an element to XYZ 47.2524, 45.4051, 32.2602 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(214, 171, 143) }
```


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

```
.border{ border-color:rgb(214, 171, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2524, 45.4051, 32.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 143) }
```

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

```
.background{ background-color: rgb(214,  
171, 143) }
```

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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