

Converting Colors

XYZ(41.1891, 44.3435, 25.4784)

Have a look what the booklet for
XYZ(41.1891, 44.3435, 25.4784)
contains.

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Color

**XYZ(41.2967, 44.5025,
25.4821)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B27C
RGB	192, 178, 124
RGB Percent	75%, 70%, 49%
CMY	0.2471, 0.3019, 0.5137
CMYK	0.00, 0.07, 0.35, 0.25
HSL	48°, 35%, 62%
HSV	48°, 35%, 75%
XYZ	41.2967, 44.5025, 25.4821
YIQ	176.0300, 25.6780, -13.8260

Conversions

Conversions Part 2

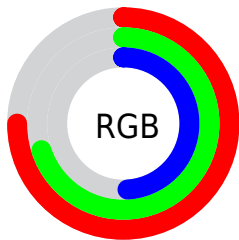
Format	Color
R_{YB}	142, 192, 124
Decimal	12628604
CIE _{Lab}	72.56, -3.04, 29.44
CIE _{LCh}	73, 29.601, 95.889
Yxy	44.5025, 0.3711, 0.3999
Android (android.graphics.Color)	4290818684 (0xFFC0B27C)
YUV	176.0300, -25.6508, 14.0057
Hunter-Lab	66.7102, -6.2431, 24.0494

Details

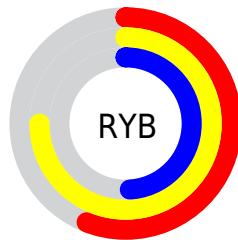
The XYZ color **41.2967, 44.5025, 25.4821** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.9149, 26.2670, 53.5206**, and the grayscale version is **41.4036, 43.5598, 47.4366**.

A 20% lighter version of the original color is **76.4256, 82.1597, 53.4253**, and **19.0134, 20.7345, 9.4786** is the 20% darker color. If you saturate the color by 10%, you get **39.4242, 42.5151, 19.4396**, and if you desaturate by 10%, it is **43.4305, 46.6339, 32.7791**.

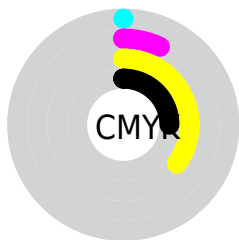
Distribution



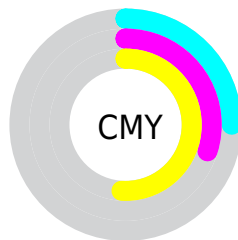
- Red (75%)
- Green (70%)
- Blue (49%)



- Red (56%)
- Yellow (75%)
- Blue (49%)



- Cyan (0%)
- Magenta (7%)
- Yellow (35%)
- Black (25%)



- Cyan (25%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2967, 44.5025, 25.4821 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 41.2967, 44.5025, 25.4821 by changing the saturation by 10% instead.

■ 41.2967, 44.5025,
25.4821

■ 41.2967, 44.5025,
25.4821

342.6006,
364.7549, 293.7545

■ 28.7397, 31.0657,
16.2143

■ 76.4060, 81.9734,
53.4120

■ 19.0273, 20.6489,
9.5199

■ 99.6889, 106.7762,
72.9113

■ 11.7941, 12.8676,
4.9804

■ 127.2779,
136.1366, 96.6581

■ 6.6748, 7.3374,
2.1772

159.5382,
170.4389, 125.0710

■ 3.3041, 3.6740,
0.6612

196.8353,
210.0675, 158.5686

■ 1.3165, 1.4929,
0.0000

239.5345,

■ 0.1956, 0.2838,

255.4068, 197.5693

0.0000

288.0012,
306.8411, 242.4918

■ 0.0000, 0.0000,
0.0000

■ 41.2967, 44.5025,
25.4821

■ 41.2967, 44.5025,
25.4821

■ 39.4242, 42.5151,
19.4396

■ 43.4305, 46.6339,
32.7791

■ 37.7957, 40.6596,
14.5763

■ 45.8352, 48.9086,
41.3946

■ 36.3970, 38.9316,
10.8128

■ 48.5237, 51.3337,
51.3915

■ 35.2107, 37.3240,
8.0592

■ 51.5074, 53.9139,
62.8279

■ 34.2169, 35.8284,
6.2109

■ 54.7967, 56.6538,
75.7586

■ 33.3908, 34.4346,
5.1394

■ 58.4017, 59.5577,
90.2355

■ 33.0451, 33.8203,
4.7863

■ 61.7793, 62.4086,
103.3977

■ 62.7406, 64.3312,
103.7181

■ 63.7260, 66.3020,
104.0466

Harmonies

Analogous

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



46.4465, 44.5025, 27.0168



41.2967, 44.5025, 25.4821



36.7883, 44.5025, 29.0232

Triad

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



41.2967, 44.5025, 25.4821



34.8169, 44.5025, 66.9239



51.9302, 44.5025, 60.9030

Complementary

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



41.2967, 44.5025, 25.4821



26.9149, 26.2670, 53.5206

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.



48.3327, 44.5025, 75.0592



41.2967, 44.5025, 25.4821



38.4047, 44.5025, 78.9971

Square

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



41.2967, 44.5025, 25.4821



33.2461, 44.5025, 51.4050



43.3159, 44.5025, 82.2400



52.8605, 44.5025, 45.6214

Rectangle

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



41.2967, 44.5025, 25.4821



34.6633, 44.5025, 34.3081



43.3159, 44.5025, 82.2400



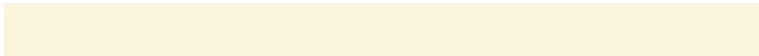
50.9794, 44.5025, 66.0393

Sweetspot

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



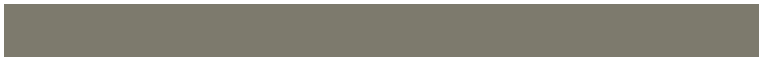
41.2978, 44.5045, 25.4830



85.0522, 90.4489, 82.3721



33.5869, 27.4786, 27.8583



18.1060, 19.2767, 17.1518



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2978, 44.5045, 25.4830



72.3204, 77.9991, 38.0083



39.6626, 48.0084, 26.2455



10.7317, 11.3949, 10.6957



22.2928, 22.8713, 3.2397



1.0087, 1.0792, 0.1551

Inverse Universe

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



26.9149, 26.2670, 53.5206



42.6417, 40.3809, 95.9071



28.0965, 24.0851, 53.0372



9.6925, 10.0764, 12.7189



6.9478, 3.6521, 33.8954



0.3507, 0.2588, 1.4813

Previews

White Background



This preview shows how the XYZ color 41.2967, 44.5025, 25.4821 looks on a white background.

Color Contrast Check

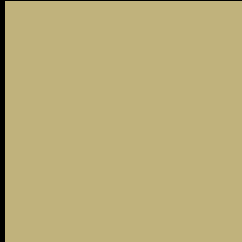
Large Text (above 18pt) WCAG AA × Fail

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 41.2967, 44.5025, 25.4821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

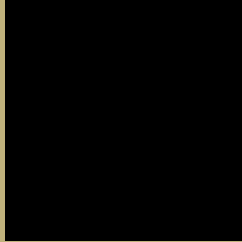
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2967, 44.5025, 25.4821

Background



This preview shows how black text looks on a background with the XYZ color 41.2967, 44.5025, 25.4821.



This preview shows how white text looks on a background with the XYZ color 41.2967, 44.5025,

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

41.2967, 44.5025, 25.4821

Protanopia

41.2967, 44.5025, 25.4821

Deuteranopia

45.2920, 44.2529, 25.8932



Tritanopia

46.5796, 44.3523, 51.4532

Trichromacy



Original Color

41.2967, 44.5025, 25.4821

Protanomaly

41.2967, 44.5025, 25.4821

Deuteranomaly

43.8221, 44.3469, 25.6522

Tritanomaly

44.2301, 44.2315, 40.3888

Monochromacy



Original Color

41.2967, 44.5025, 25.4821

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0993, 43.8237, 38.1909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2967, 44.5025, 25.4821 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(192, 178, 124)` looks like.

```
.text, #text, p{  
    color:rgb(192, 178, 124)  
}
```

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(192, 178, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 178, 124) }
```

Border

The CSS property to change the border of an element to XYZ 41.2967, 44.5025, 25.4821 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(192, 178, 124) }
```


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

```
.border{ border-color:rgb(192, 178, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 178, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 178, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 178, 124);  
box-shadow:4px 4px 4px 4px rgb(192, 178,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2967, 44.5025, 25.4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 178, 124) }
```

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

```
.background{ background-color: rgb(192,  
178, 124) }
```

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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