

Converting Colors

XYZ(43.2523, 45.6220, 26.2895)

Have a look what the booklet for
XYZ(43.2523, 45.6220, 26.2895)
contains.

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Color

**XYZ(43.2395, 45.4893,
26.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B27E
RGB	199, 178, 126
RGB Percent	78%, 70%, 49%
CMY	0.2196, 0.3019, 0.5059
CMYK	0.00, 0.11, 0.37, 0.22
HSL	43°, 39%, 64%
HSV	43°, 37%, 78%
XYZ	43.2395, 45.4893, 26.2400
YIQ	178.3510, 29.2080, -11.7200

Conversions

Conversions Part 2

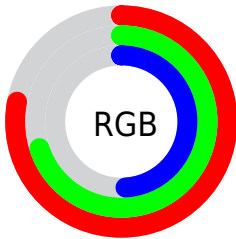
Format	Color
RYB	155, 199, 126
Decimal	13087358
CIELab	73.21, 0.01, 29.35
CIELCh	73, 29.355, 89.981
Yxy	45.4893, 0.3761, 0.3957
Android (android.graphics.Color)	4291277438 (0xFFC7B27E)
YUV	178.3510, -25.8090, 18.1092
Hunter-Lab	67.4458, -3.5937, 24.1451

Details

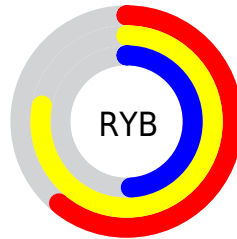
The XYZ color **43.2395, 45.4893, 26.2400** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.3464, 29.4256, 58.1658**, and the grayscale version is **42.6255, 44.8454, 48.8366**.

A 20% lighter version of the original color is **78.7995, 83.3603, 54.5848**, and **20.2670, 21.3728, 9.8947** is the 20% darker color. If you saturate the color by 10%, you get **40.9662, 42.7973, 19.7650**, and if you desaturate by 10%, it is **45.8180, 48.3827, 34.0780**.

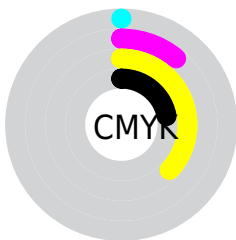
Distribution



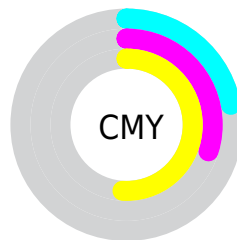
- Red (78%)
- Green (70%)
- Blue (49%)



- Red (61%)
- Yellow (78%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2395, 45.4893, 26.2400 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 43.2395, 45.4893, 26.2400 by changing the saturation by 10% instead.

■ 43.2395, 45.4893,
26.2400

■ 43.2395, 45.4893,
26.2400

350.5006,
368.7516, 297.6011

■ 30.2684, 31.8430,
16.7759

■ 79.3256, 83.4542,
54.6507

■ 20.1915, 21.2416,
9.9146

■ 103.1713,
108.5415, 74.4344

■ 12.6434, 13.3007,
5.2375

■ 131.3727,
138.2114, 98.4950

■ 7.2587, 7.6360,
2.3261

164.2949,
172.8481, 127.2511

■ 3.6722, 3.8629,
0.7458

202.3035,
212.8361, 161.1212

■ 1.5184, 1.5972,
0.0000

245.7638,

■ 0.3383, 0.3557,

258.5598, 200.5239

0.0000

295.0410,
310.4035, 245.8777

■ 0.0000, 0.0000,
0.0000

■ 43.2395, 45.4893,
26.2400

■ 43.2395, 45.4893,
26.2400

■ 40.9662, 42.7973,
19.7650

■ 45.8180, 48.3827,
34.0780

■ 38.9790, 40.2932,
14.5697

■ 48.7129, 51.4780,
43.3499

■ 37.2616, 37.9712,
10.5663


■ 51.9389, 54.7835,
54.1251


■ 35.7943, 35.8225,
7.6543


■ 55.5085, 58.3051,
66.4676

■ 34.5543, 33.8370,
5.7169


■ 59.4337, 62.0485,
80.4376


 33.5120, 32.0018,
4.6003

 63.7260, 66.0191,
96.0924

 33.1915, 31.4187,
4.3150

 66.6925, 69.5406,
104.5154

 68.2030, 72.5618,
105.0189

 69.7654, 75.6865,
105.5397

Harmonies

Analogous

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



48.3815, 45.4893, 28.8102



43.2395, 45.4893, 26.2400



38.4746, 45.4893, 28.8036

Triad

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



43.2395, 45.4893, 26.2400



35.2141, 45.4893, 65.0953



52.3889, 45.4893, 65.1148

Complementary

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



43.2395, 45.4893, 26.2400



29.3464, 29.4256, 58.1658

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.



48.3754, 45.4893, 78.3776



43.2395, 45.4893, 26.2400



38.4693, 45.4893, 78.3649

Square

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



43.2395, 45.4893, 26.2400



34.0711, 45.4893, 49.5207



43.2329, 45.4893, 83.6441



53.9130, 45.4893, 49.5395

Rectangle

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



43.2395, 45.4893, 26.2400



36.0879, 45.4893, 33.4412



43.2329, 45.4893, 83.6441



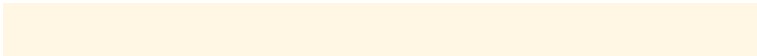
51.2712, 45.4893, 70.0948

Sweetspot

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



43.2406, 45.4914, 26.2409



88.3384, 93.2836, 85.9865



36.3518, 29.1993, 31.6961



18.7420, 19.7963, 17.8505



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.



43.2406, 45.4914, 26.2409



72.4985, 75.8686, 36.7303



44.0527, 52.5931, 27.5689



11.2562, 11.8816, 11.2629



21.4210, 20.3591, 2.8007



1.0741, 1.0836, 0.1525

Inverse Universe

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



29.3464, 29.4256, 58.1658



44.6866, 43.7288, 100.6930



28.6867, 24.6735, 57.2834



10.3010, 10.7761, 13.4546



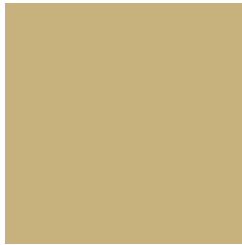
7.6428, 4.6795, 35.2448



0.4253, 0.3484, 1.6900

Previews

White Background



This preview shows how the XYZ color 43.2395, 45.4893, 26.2400 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 43.2395, 45.4893, 26.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

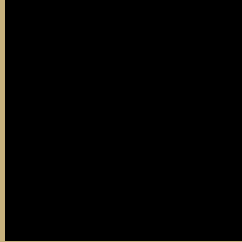
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2395, 45.4893, 26.2400

Background



This preview shows how black text looks on a background with the XYZ color 43.2395, 45.4893, 26.2400.



This preview shows how white text looks on a background with the XYZ color 43.2395, 45.4893,

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

43.2395, 45.4893, 26.2400

Protanopia

42.4002, 45.6442, 26.6541

Deuteranopia

46.3148, 45.3335, 26.3879



Tritanopia

48.3915, 45.5656, 51.5919

Trichromacy



Original Color

43.2395, 45.4893, 26.2400

Protanomaly

42.7158, 45.5083, 26.6113

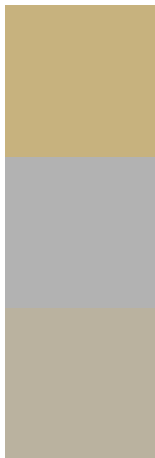
Deuteranomaly

45.2613, 45.3597, 26.4484

Tritanomaly

46.3755, 45.6130, 41.0103

Monochromacy



Original Color

43.2395, 45.4893, 26.2400

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.4281, 44.7831, 39.2087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2395, 45.4893, 26.2400 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(199, 178, 126)` looks like.

```
.text, #text, p{  
    color:rgb(199, 178, 126)  
}
```

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(199, 178, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 178, 126) }
```

Border

The CSS property to change the border of an element to XYZ 43.2395, 45.4893, 26.2400 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(199, 178, 126) }
```


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

```
.border{ border-color:rgb(199, 178, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 178, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 178, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 178, 126);  
box-shadow:4px 4px 4px 4px rgb(199, 178,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2395, 45.4893, 26.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 178, 126) }
```

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

```
.background{ background-color: rgb(199,  
178, 126) }
```

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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