

Converting Colors

XYZ(45.9176, 45.4212, 24.0719)

Have a look what the booklet for
XYZ(45.9176, 45.4212, 24.0719)
contains.

XYZ(46.0653, 45.5393, 24.1314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.0653, 45.5393,
24.1314)**

Conversions

Conversions Part 1

Format	Color
Hex	D6AD78
RGB	214, 173, 120
RGB Percent	84%, 68%, 47%
CMY	0.1608, 0.3215, 0.5294
CMYK	0.00, 0.19, 0.44, 0.16
HSL	34°, 53%, 65%
HSV	34°, 44%, 84%
XYZ	46.0653, 45.5393, 24.1314
YIQ	179.2170, 41.4490, -7.7910

Conversions

Conversions Part 2

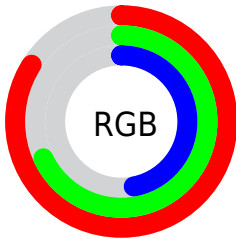
Format	Color
R _{YB}	193, 214, 120
Decimal	14069112
CIE Lab	73.25, 8.07, 32.84
CIE LCh	73, 33.816, 76.194
Yxy	45.5393, 0.3980, 0.3935
Android (android.graphics.Color)	4292259192 (0xFFD6AD78)
YUV	179.2170, -29.1940, 30.5047
Hunter-Lab	67.4828, 3.7532, 26.0363

Details

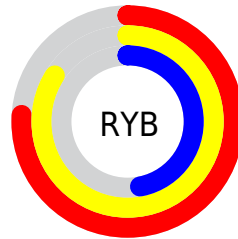
The XYZ color **46.0653, 45.5393, 24.1314** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.6278, 34.3367, 68.5263**, and the grayscale version is **43.0998, 45.3444, 49.3800**.

A 20% lighter version of the original color is **76.5262, 79.7639, 50.8978**, and **21.8475, 21.2850, 8.7513** is the 20% darker color. If you saturate the color by 10%, you get **43.1816, 41.6232, 17.4630**, and if you desaturate by 10%, it is **49.3666, 49.8259, 32.3718**.

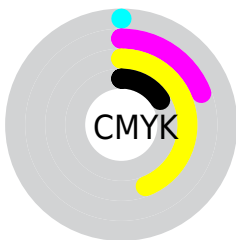
Distribution



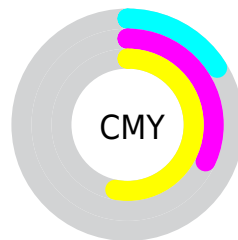
- Red (84%)
- Green (68%)
- Blue (47%)



- Red (76%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (19%)
- Yellow (44%)
- Black (16%)





- Cyan (16%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0653, 45.5393, 24.1314 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 46.0653, 45.5393, 24.1314 by changing the saturation by 10% instead.


 46.0653, 45.5393,
24.1314


 46.0653, 45.5393,
24.1314


361.7827,
368.9534, 286.7920


 32.5022, 31.8824,
15.2180


 83.5440, 83.5291,
51.1911

 21.9028, 21.2717,
8.8242


 108.1903,
108.6308, 70.1744

 13.9017, 13.3228,
4.5315


 137.2617,
138.3163, 93.3515

 8.1336, 7.6512,
1.9212

171.1235,
172.9698, 121.1409

 4.2331, 3.8726,
0.5062

210.1412,
212.9760, 153.9611

 1.8348, 1.6025,
0.0000

254.6800,

 0.5385, 0.3593,

258.7190, 192.2307

0.0000

305.1054,
310.5833, 236.3681

■ 0.0000, 0.0000,
0.0000

■ 46.0653, 45.5393,
24.1314

■ 46.0653, 45.5393,
24.1314

■ 43.1816, 41.6232,
17.4630

■ 49.3666, 49.8259,
32.3718

■ 40.6899, 38.0582,
12.2600

■ 53.1022, 54.4885,
42.2759

■ 38.5669, 34.8325,
8.4067


■ 57.2921, 59.5406,
53.9313


■ 36.7843, 31.9304,
5.7684

■ 61.9538, 64.9930,
67.4188


■ 35.3087, 29.3341,
4.1819


■ 67.1037, 70.8558,
82.8142

 34.5289, 27.8908,
3.5636

 72.7575, 77.1389,
100.1887

 76.4541, 82.8612,
106.5720

 79.2474, 88.4478,
107.5031

 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



51.6758, 45.5393, 29.5361



46.0653, 45.5393, 24.1314



40.1778, 45.5393, 24.3502

Triad

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



46.0653, 45.5393, 24.1314



33.2213, 45.5393, 59.2717



52.0552, 45.5393, 75.8310

Complementary

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



46.0653, 45.5393, 24.1314



32.6278, 34.3367, 68.5263

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.



46.5458, 45.5393, 88.0700



46.0653, 45.5393, 24.1314



35.8533, 45.5393, 77.1166

Square

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



46.0653, 45.5393, 24.1314



33.1182, 45.5393, 42.1852



40.6165, 45.5393, 88.5880



55.3418, 45.5393, 57.8022

Rectangle

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



46.0653, 45.5393, 24.1314



36.8870, 45.5393, 27.6046



40.6165, 45.5393, 88.5880



50.3803, 45.5393, 80.9226

Sweetspot

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



46.0664, 45.5415, 24.1323



85.7248, 89.1660, 81.6945



40.9966, 30.3489, 38.0200



18.0359, 18.7135, 16.5990



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.



46.0664, 45.5415, 24.1323



64.3741, 62.1186, 26.3188



53.8163, 63.0483, 27.1030



12.9984, 13.5710, 13.0951



20.9758, 17.0688, 2.1891



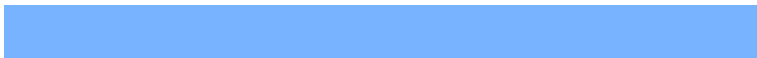
1.3469, 1.1929, 0.1593

Inverse Universe

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



32.6278, 34.3367, 68.5263



41.8533, 43.3591, 100.7710



27.2683, 22.6260, 66.5484



12.1837, 12.8908, 15.7835



9.8194, 7.9007, 39.4606



0.6738, 0.6396, 2.4072

Previews

White Background



This preview shows how the XYZ color 46.0653, 45.5393, 24.1314 looks on a white background.

Color Contrast Check

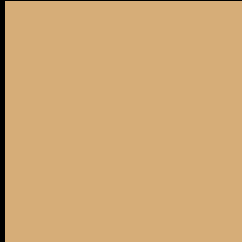
Large Text (above 18pt) WCAG AA × Fail

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 46.0653, 45.5393, 24.1314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

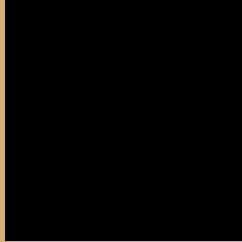
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0653, 45.5393, 24.1314

Background



This preview shows how black text looks on a background with the XYZ color 46.0653, 45.5393, 24.1314.



This preview shows how white text looks on a background with the XYZ color 46.0653, 45.5393,

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

46.0653, 45.5393, 24.1314

Protanopia

42.4021, 45.6747, 25.3202

Deuteranopia

46.4616, 45.4600, 24.0952



Tritanopia

51.1873, 45.7024, 48.2431

Trichromacy



Original Color

46.0653, 45.5393, 24.1314

Protanomaly

43.5921, 45.4060, 24.8790

Deuteranomaly

46.1670, 45.3082, 24.0814

Tritanomaly

49.1872, 45.7157, 38.1299

Monochromacy



Original Color

46.0653, 45.5393, 24.1314

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.6319, 45.1194, 38.7570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0653, 45.5393, 24.1314 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, 173, 120)` looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 120)  
}
```

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, 173, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 120) }
```

Border

The CSS property to change the border of an element to XYZ 46.0653, 45.5393, 24.1314 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, 173, 120) }
```


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

```
.border{ border-color:rgb(214, 173, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 173, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 120);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0653, 45.5393, 24.1314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 120) }
```

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

```
.background{ background-color: rgb(214,  
173, 120) }
```

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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