

Converting Colors

XYZ(44.3761, 49.2532, 7.3115)

Have a look what the booklet for
XYZ(44.3761, 49.2532, 7.3115)
contains.

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Color

**XYZ(44.3761, 49.2532,
7.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BB05
RGB	210, 187, 5
RGB Percent	82%, 73%, 2%
CMY	0.1765, 0.2666, 0.9803
CMYK	0.00, 0.11, 0.98, 0.18
HSL	53°, 95%, 42%
HSV	53°, 98%, 82%
XYZ	44.3761, 49.2532, 7.3115
YIQ	173.1290, 72.1300, -51.7260

Conversions

Conversions Part 2

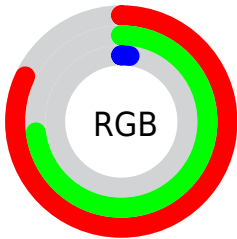
Format	Color
R _Y B	31, 210, 5
Decimal	13810437
CIE Lab	75.61, -6.98, 76.65
CIE LCh	76, 76.971, 95.200
Yxy	49.2532, 0.4396, 0.4879
Android (android.graphics.Color)	4292000517 (0xFFD2BB05)
YUV	173.1290, -82.8876, 32.3359
Hunter-Lab	70.1806, -9.9483, 42.9495

Details

The XYZ color **44.3761, 49.2532, 7.3115** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed orange. A complement of this color would be **12.1112, 5.5167, 61.3990**, and the grayscale version is **40.1727, 42.2648, 46.0264**.

A 20% lighter version of the original color is **74.8519, 85.9857, 20.8354**, and **21.2876, 23.6295, 3.4390** is the 20% darker color. If you saturate the color by 10%, you get **44.2305, 49.0061, 7.1279**, and if you desaturate by 10%, it is **45.0403, 50.3270, 8.3186**.

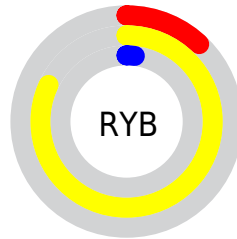
Distribution



Red (82%)

Green (73%)

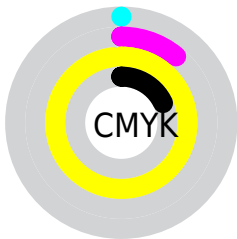
Blue (2%)



Red (12%)

Yellow (82%)

Blue (2%)

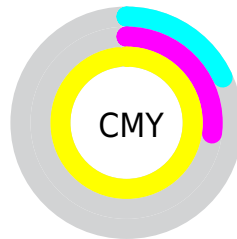


Cyan (0%)

Magenta (11%)

Yellow (98%)

Black (18%)



Cyan (18%)


Magenta (27%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3761, 49.2532, 7.3115 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 44.3761, 49.2532, 7.3115 by changing the saturation by 10% instead.


 44.3761, 49.2532,
7.3115


 44.3761, 49.2532,
7.3115


355.0672,
383.7383, 179.9555


 31.1655, 34.8204,
3.5763


 81.0262, 89.0674,
21.1206

 20.8773, 23.5245,
1.3959


 105.1964,
115.2176, 32.0316

 13.1463, 14.9813,
0.1385


 133.7506,
146.0423, 46.1716

 7.6071, 8.8063,
0.0000

 167.0539,
181.9260, 63.9591

 3.8942, 4.6150,
0.0000

 205.4719,
223.2530, 85.8127

 1.6425, 2.0232,
0.0000

 249.3699,

 0.4199, 0.6209,

270.4078, 112.1510

0.0000

299.1132,
323.7748, 143.3924

■ 0.0000, 0.0000,
0.0000

■ 44.3761, 49.2532,
7.3115

■ 44.3761, 49.2532,
7.3115

■ 44.2305, 49.0061,
7.1279

■ 45.0403, 50.3270,
8.3186

■ 45.8792, 51.4820,
10.2103

■ 46.9301, 52.7351,
13.1773

■ 48.2189, 54.0965,
17.3557

■ 49.7675, 55.5753,
22.8614

■ 51.5955, 57.1793,
29.7968

■ 53.7204, 58.9155,
38.2544

■ 56.1584, 60.7904,
48.3187

■ 58.9243, 62.8102,
60.0680

Harmonies

Analogous

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



59.2612, 49.2532, 9.2983



44.3761, 49.2532, 7.3115



32.7399, 49.2532, 11.6874

Triad

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



44.3761, 49.2532, 7.3115



27.8174, 49.2532, 112.7069



76.3221, 49.2532, 93.6952

Complementary

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



44.3761, 49.2532, 7.3115



12.1112, 5.5167, 61.3990

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.



64.4338, 49.2532, 146.5943



44.3761, 49.2532, 7.3115



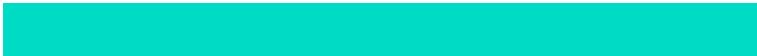
36.2440, 49.2532, 160.9298

Square

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



44.3761, 49.2532, 7.3115



24.5003, 49.2532, 61.0527



49.3389, 49.2532, 175.7335



79.7123, 49.2532, 46.8317

Rectangle

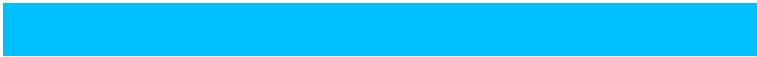
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.3761, 49.2532, 7.3115



27.7400, 49.2532, 20.1736



49.3389, 49.2532, 175.7335



73.0839, 49.2532, 111.9729

Sweetspot

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



44.3772, 49.2556, 7.3125



82.7561, 90.9392, 56.9343



26.8536, 13.8989, 2.4255



17.4039, 19.2138, 10.9497



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.



44.3772, 49.2556, 7.3125



68.5439, 75.8677, 11.0313



32.4998, 50.9632, 8.2681



12.6855, 13.5616, 12.5611



27.0265, 29.9860, 4.3634



1.5441, 1.7426, 0.2550

Inverse Universe

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



12.1112, 5.5167, 61.3990



18.4797, 8.0795, 95.1932



15.3073, 6.6283, 61.4451



11.2689, 11.6282, 14.8942



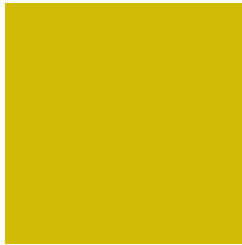
7.3267, 3.3000, 37.4433



0.4464, 0.2581, 2.1058

Previews

White Background



This preview shows how the XYZ color 44.3761, 49.2532, 7.3115 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 44.3761, 49.2532, 7.3115 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 44.3761, 49.2532, 7.3115

Background



This preview shows how black text looks on a background with the XYZ color 44.3761, 49.2532, 7.3115.



This preview shows how white text looks on a background with the XYZ color 44.3761, 49.2532,

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

44.3761, 49.2532, 7.3115

Protanopia

44.3761, 49.2532, 7.3115

Deuteranopia

50.1480, 49.1724, 7.7123



Tritanopia

53.9245, 49.2321, 53.6743

Trichromacy



Original Color

44.3761, 49.2532, 7.3115

Protanomaly

44.3761, 49.2532, 7.3115

Deuteranomaly

47.9891, 49.2570, 7.5086

Tritanomaly

48.1866, 48.3724, 24.8863

Monochromacy



Original Color

44.3761, 49.2532, 7.3115

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.0947, 43.4497, 21.6554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3761, 49.2532, 7.3115 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(210, 187, 5)` looks like.

```
.text, #text, p{  
    color:rgb(210, 187, 5)  
}
```

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(210, 187, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 187, 5) }
```

Border

The CSS property to change the border of an element to XYZ 44.3761, 49.2532, 7.3115 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(210, 187, 5) }
```


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

```
.border{ border-color:rgb(210, 187, 5) }
```

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

Here you see how a box with a 4 pixel rgb(210, 187, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 187, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 187, 5);  
box-shadow:4px 4px 4px 4px rgb(210, 187,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3761, 49.2532, 7.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 187, 5) }
```

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

```
.background{ background-color: rgb(210,  
187, 5) }
```

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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