

Converting Colors

YUV(65.4320, -25.3560,
12.7761)

Have a look what the booklet for
YUV(65.4320, -25.3560, 12.7761)
contains.

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Color

**YUV(65.4320, -25.3560,
12.7761)**

Conversions

Conversions Part 1

Format	Color
Hex	50440E
RGB	80, 68, 14
RGB Percent	31%, 27%, 5%
CMY	0.6863, 0.7333, 0.9451
CMYK	0.00, 0.15, 0.82, 0.69
HSL	49°, 70%, 18%
HSV	49°, 82%, 31%
XYZ	5.4547, 5.8714, 1.2613
YIQ	65.4320, 24.4860, -14.2500

Conversions

Conversions Part 2

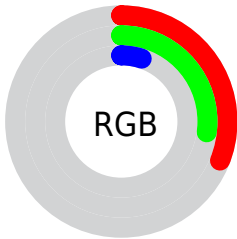
Format	Color
R_{YB}	29, 80, 14
Decimal	5260302
CIE Lab	29.09, -1.47, 32.48
CIE LCh	29, 32.515, 92.597
Yxy	5.8714, 0.4333, 0.4665
Android (android.graphics.Color)	4283450382 (0xFF50440E)
YUV	65.4320, -25.3560, 12.7761
Hunter-Lab	24.2310, -2.2221, 13.8756

Details

The YUV color **65.4320, -25.3560, 12.7761** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **28.5680, 25.3560, -12.7761**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.5140, -26.3824, 15.3352**, and **24.8300, -12.2412, 6.2881** is the 20% darker color. If you saturate the color by 10%, you get **63.9330, -28.5610, 14.0908**, and if you desaturate by 10%, it is **66.9310, -22.1510, 11.4615**.

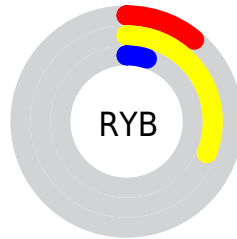
Distribution



 Red (31%)

 Green (27%)

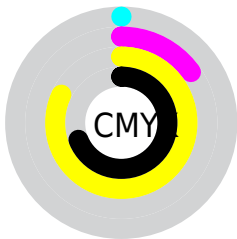
 Blue (5%)



 Red (11%)

 Yellow (31%)

 Blue (5%)

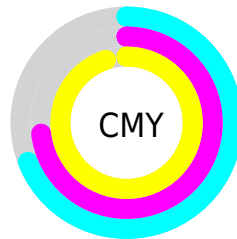


 Cyan (0%)

 Magenta (15%)

 Yellow (82%)

 Black (69%)



 Cyan (69%)

 Magenta (73%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.4320, -25.3560, 12.7761 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 YUV color 65.4320, -25.3560, 12.7761 by changing the saturation by 10% instead.

65.4320, -25.3560,
12.7761

65.4320, -25.3560,
12.7761

253.9740, -3.9312,
0.8998

43.7460, -21.5668,
10.7468

114.5140,
-26.3824, 15.3352

24.8300, -12.2412,
6.2881

139.9980,
-27.1140, 16.6648

0.0000, 0.0000,
0.0000

166.7700,
-27.9876, 16.8647

194.1400,
-29.1560, 18.2942

222.3250,
-29.7402, 19.0090

245.1280,

-27.6711, 8.6577

■ 250.6680,
-16.5983, 3.7992

■ 65.4320, -25.3560,
12.7761

■ 65.4320, -25.3560,
12.7761

■ 63.9330, -28.5610,
14.0908

■ 66.9310, -22.1510,
11.4615

■ 62.0750, -30.6030,
15.7202

■ 69.0170, -19.2354,
9.6321

■ 70.5160, -16.0304,
8.3175

■ 72.6020, -13.1148,
6.4880

■ 74.1010, -9.9098,
5.1734

■ 76.1870, -6.9942,
3.3440

■ 77.6860, -3.7892,
2.0294

■ 79.7720, -0.8736,
0.2000

■ 81.2710, 2.3314,
-1.1147

Harmonies

Analogous

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



67.1550, -21.7684, 28.8051



65.4320, -25.3560, 12.7761



62.7930, -19.6179, -7.7115

Triad

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



65.4320, -25.3560, 12.7761



57.7900, 18.3445, -50.6818



70.6240, 10.5384, 26.6398

Complementary

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



65.4320, -25.3560, 12.7761



28.5680, 25.3560, -12.7761

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.



69.9890, 20.2184, 1.7636



65.4320, -25.3560, 12.7761



58.0810, 27.0751, -50.9370

Square

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



65.4320, -25.3560, 12.7761



55.5270, 7.1352, -48.6972



59.1300, 29.5159, -40.4560



68.1390, -0.5615, 40.2201

Rectangle

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



65.4320, -25.3560, 12.7761



59.5720, -11.1280, -24.1806



59.1300, 29.5159, -40.4560



70.7910, 13.9070, 19.4773

Sweetspot

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



65.4320, -25.3560, 12.7761



98.9870, -10.3466, 5.2734



35.1020, -4.4873, 39.3755



50.3010, -6.5574, 3.2440



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



65.4320, -25.3560, 12.7761



81.9910, -39.9286, 20.1789



66.1970, -25.7331, -6.3118



39.9570, -1.4578, 0.9147



81.8770, -40.3654, 20.2789



180.8980, -89.1827, 44.8165

Inverse Universe

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



28.5680, 25.3560, -12.7761



24.0090, 39.9286, -20.1789



27.8030, 25.7331, 6.3118



37.4560, 1.7472, -0.3999



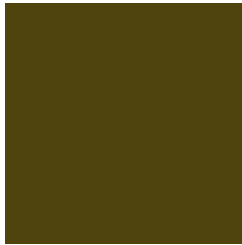
23.1230, 40.3654, -20.2789



51.1020, 89.1827, -44.8165

Previews

White Background



This preview shows how the YUV color 65.4320, -25.3560, 12.7761 looks on a white 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

Black Background



This preview shows how the YUV color 65.4320, -25.3560, 12.7761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

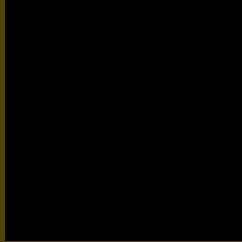
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.4320, -25.3560, 12.7761

Background



This preview shows how black text looks on a background with the YUV color 65.4320, -25.3560, 12.7761.

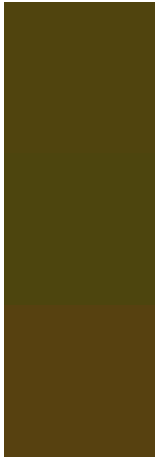


This preview shows how white text looks on a background with the YUV color 65.4320, -25.3560,

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

65.4320, -25.3560, 12.7761

Protanopia

65.1220, -25.2031, 10.4170

Deuteranopia

65.9920, -24.6461, 18.4240



Tritanopia

69.8490, -0.9116, 12.4104

Trichromacy



Original Color

65.4320, -25.3560, 12.7761

Protanomaly

65.4210, -25.3506, 11.0318

Deuteranomaly

65.5680, -24.9300, 16.1649

Tritanomaly

68.4440, -10.0789, 12.7656

Monochromacy



Original Color

65.4320, -25.3560, 12.7761

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9160, -9.3256, 4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4320, -25.3560, 12.7761 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(80, 68, 14)` looks like.

```
.text, #text, p{  
    color:rgb(80, 68, 14)  
}
```

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(80, 68, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 68, 14) }
```

Border

The CSS property to change the border of an element to YUV 65.4320, -25.3560, 12.7761 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(80, 68, 14) }
```


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

```
.border{ border-color:rgb(80, 68, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 68, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 68, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 68, 14);  
box-shadow:4px 4px 4px 4px rgb(80, 68, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.4320, -25.3560, 12.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 68, 14) }
```

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

```
.background{ background-color: rgb(80, 68,  
14) }
```

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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