

Converting Colors

XYZ(25.0726, 37.4419, 6.5489)

Have a look what the booklet for
XYZ(25.0726, 37.4419, 6.5489)
contains.

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Color

**XYZ(25.1076, 37.4582,
6.5687)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB514
RGB	125, 181, 20
RGB Percent	49%, 71%, 8%
CMY	0.5098, 0.2902, 0.9215
CMYK	0.31, 0.00, 0.89, 0.29
HSL	81°, 80%, 39%
HSV	81°, 89%, 71%
XYZ	25.1076, 37.4582, 6.5687
YIQ	145.9020, 18.3050, -61.9430

Conversions

Conversions Part 2

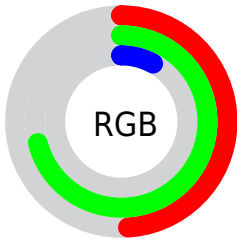
Format	Color
R_{YB}	20, 181, 76
Decimal	8238356
CIE _{Lab}	67.62, -39.61, 65.73
CIE _{LCh}	68, 76.744, 121.073
Yxy	37.4582, 0.3632, 0.5418
Android (android.graphics.Color)	4286428436 (0xFF7DB514)
YUV	145.9020, -62.0697, -18.3311
Hunter-Lab	61.2031, -33.8786, 36.4788

Details

The XYZ color **25.1076, 37.4582, 6.5687** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **11.5730, 5.3743, 44.1455**, and the grayscale version is **27.5239, 28.9573, 31.5345**.

A 20% lighter version of the original color is **51.2153, 71.1693, 19.6321**, and **10.1734, 16.7036, 2.6879** is the 20% darker color. If you saturate the color by 10%, you get **24.1022, 36.9545, 5.9175**, and if you desaturate by 10%, it is **26.2824, 38.0390, 7.8003**.

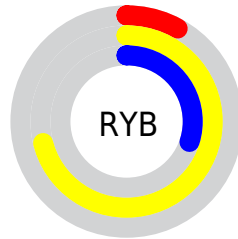
Distribution



Red (49%)

Green (71%)

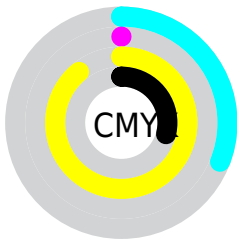
Blue (8%)



Red (8%)

Yellow (71%)

Blue (30%)

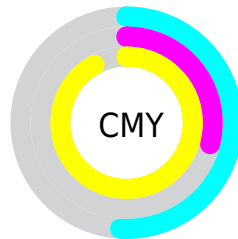


Cyan (31%)

Magenta (0%)

Yellow (89%)

Black (29%)



Cyan (51%)


Magenta (29%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1076, 37.4582, 6.5687 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 25.1076, 37.4582, 6.5687 by changing the saturation by 10% instead.


 25.1076, 37.4582,
6.5687


 25.1076, 37.4582,
6.5687


270.7111,
335.2900, 173.5229


 16.2864, 25.5625,
3.1195

 51.2734, 71.2769,
19.5980


 9.8192, 16.4966,
1.1560


 69.3486, 93.9687,
30.0153

 5.3406, 9.8762,
0.0000


 91.2393, 121.0280,
43.5923

 2.4852, 5.3170,
0.0000

 117.3107,
152.8391, 60.7476

 0.8878, 2.4344,
0.0000

 147.9283,
189.7864, 81.8998

 0.0000, 0.8435,
0.0000

 183.4573,

 0.0000, 0.0000,

232.2545, 107.4674

0.0000

224.2631,
280.6275, 137.8689

■ 25.1076, 37.4582,
6.5687

■ 25.1076, 37.4582,
6.5687

■ 24.1022, 36.9545,
5.9175

■ 26.2824, 38.0390,
7.8003

■ 24.0011, 36.9036,
5.8581

■ 27.6577, 38.7056,
9.7819

■ 29.2536, 39.4673,
12.6102

■ 31.0865, 40.3310,
16.3665

■ 33.1711, 41.3025,
21.1229

■ 35.5206, 42.3873,
26.9442

■ 38.1472, 43.5904,
33.8898

■ 41.0623, 44.9163,
42.0147

■ 44.2764, 46.3696,
51.3703

Harmonies

Analogous

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



35.1786, 37.4582, 4.1749



25.1076, 37.4582, 6.5687



19.1771, 37.4582, 16.6973

Triad

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



25.1076, 37.4582, 6.5687



25.6968, 37.4582, 128.4751



63.5252, 37.4582, 39.5776

Complementary

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



25.1076, 37.4582, 6.5687



11.5730, 5.3743, 44.1455

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.



59.4476, 37.4582, 81.0965



25.1076, 37.4582, 6.5687



36.0306, 37.4582, 146.7125

Square

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



25.1076, 37.4582, 6.5687



19.4605, 37.4582, 84.4843



48.6782, 37.4582, 125.8709



58.8500, 37.4582, 15.5590

Rectangle

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



25.1076, 37.4582, 6.5687



17.5306, 37.4582, 31.4910



48.6782, 37.4582, 125.8709



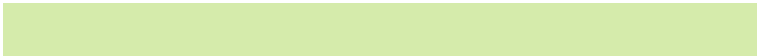
63.1266, 37.4582, 51.7498

Sweetspot

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



25.1085, 37.4599, 6.5695



64.2839, 76.2192, 49.9808



21.6106, 14.7292, 2.3664



13.5727, 16.3259, 9.9796



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.1085, 37.4599, 6.5695



42.7289, 65.9592, 10.4793



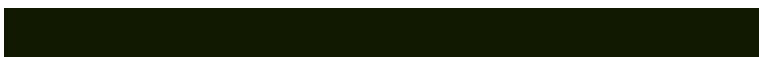
17.8162, 33.7005, 6.2282



8.9044, 9.7558, 9.0663



16.6220, 25.4790, 4.0419



0.5830, 0.8326, 0.1300

Inverse Universe

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



11.5730, 5.3743, 44.1455



18.3835, 7.7515, 78.8219



21.9504, 10.7240, 44.6312



8.3115, 8.3691, 10.6837



7.2298, 3.0629, 30.3471



0.2920, 0.1296, 0.9579

Previews

White Background



This preview shows how the XYZ color 25.1076, 37.4582, 6.5687 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 25.1076, 37.4582, 6.5687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

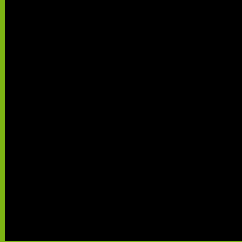
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.1076, 37.4582, 6.5687

Background



This preview shows how black text looks on a background with the XYZ color 25.1076, 37.4582, 6.5687.



This preview shows how white text looks on a background with the XYZ color 25.1076, 37.4582,

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

25.1076, 37.4582, 6.5687

Protanopia

33.3557, 36.8943, 5.7440

Deuteranopia

37.7083, 37.0452, 7.0825



Tritanopia

33.7738, 37.2223, 49.6605

Trichromacy



Original Color

25.1076, 37.4582, 6.5687

Protanomaly

29.5725, 36.5734, 5.9909

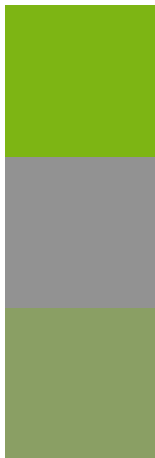
Deuteranomaly

31.8473, 36.3617, 6.7065

Tritanomaly

28.6721, 36.5514, 24.2828

Monochromacy



Original Color

25.1076, 37.4582, 6.5687

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.1796, 31.1196, 16.7362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1076, 37.4582, 6.5687 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(125, 181, 20)` looks like.

```
.text, #text, p{  
    color:rgb(125, 181, 20)  
}
```

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(125, 181, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 181, 20) }
```

Border

The CSS property to change the border of an element to XYZ 25.1076, 37.4582, 6.5687 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(125, 181, 20) }
```


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

```
.border{ border-color:rgb(125, 181, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 181, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 181, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 181, 20);  
box-shadow:4px 4px 4px 4px rgb(125, 181,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1076, 37.4582, 6.5687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 181, 20) }
```

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

```
.background{ background-color: rgb(125,  
181, 20) }
```

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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