

Converting Colors

XYZ(25.3421, 40.6467, 9.9633)

Have a look what the booklet for
XYZ(25.3421, 40.6467, 9.9633)
contains.

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Color

**XYZ(25.3601, 40.6537,
10.0004)**

Conversions

Conversions Part 1

Format	Color
Hex	6BBF36
RGB	107, 191, 54
RGB Percent	42%, 75%, 21%
CMY	0.5804, 0.2510, 0.7882
CMYK	0.44, 0.00, 0.72, 0.25
HSL	97°, 56%, 48%
HSV	97°, 72%, 75%
XYZ	25.3601, 40.6537, 10.0004
YIQ	150.2660, -6.0870, -60.4150

Conversions

Conversions Part 2

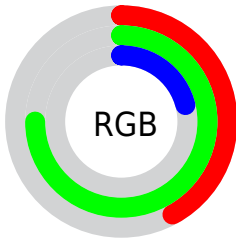
Format	Color
RYB	54, 191, 138
Decimal	7061302
CIELab	69.93, -48.51, 57.92
CIELCh	70, 75.553, 129.945
Yxy	40.6537, 0.3336, 0.5348
Android (android.graphics.Color)	4285251382 (0xFF6BBF36)
YUV	150.2660, -47.4591, -37.9443
Hunter-Lab	63.7603, -40.5836, 35.3329

Details

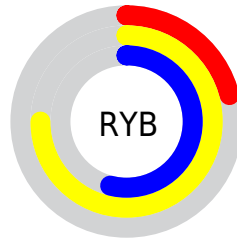
The XYZ color **25.3601, 40.6537, 10.0004** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **21.2064, 11.8046, 50.4532**, and the grayscale version is **29.3009, 30.8268, 33.5704**.

A 20% lighter version of the original color is **51.6376, 76.1314, 26.4413**, and **10.1180, 18.4957, 3.0367** is the 20% darker color. If you saturate the color by 10%, you get **23.6829, 39.8324, 8.0229**, and if you desaturate by 10%, it is **27.4060, 41.6473, 12.9160**.

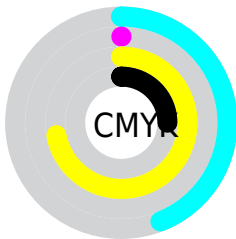
Distribution



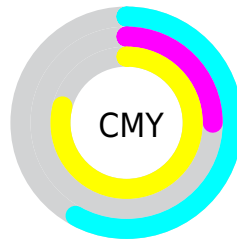
- Red (42%)
- Green (75%)
- Blue (21%)



- Red (21%)
- Yellow (75%)
- Blue (54%)



- Cyan (44%)
- Magenta (0%)
- Yellow (72%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3601, 40.6537, 10.0004 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 25.3601, 40.6537, 10.0004 by changing the saturation by 10% instead.

■ 25.3601, 40.6537,
10.0004

■ 25.3601, 40.6537,
10.0004

271.9412,
348.8712, 201.1598

■ 16.4757, 28.0486,
5.2936

■ 51.6795, 76.1579,
26.4041

■ 9.9544, 18.3623,
2.3588

■ 69.8452, 99.8258,
38.9381

■ 5.4307, 11.2104,
0.7639

■ 91.8354, 127.9501,
54.9182

■ 2.5395, 6.2085,
0.0000

■ 118.0155,
160.9152, 74.7630

■ 0.9152, 2.9723,
0.0000

■ 148.7507,
199.1054, 98.8910

■ 0.0000, 1.1173,
0.0000

■ 184.4065,

■ 0.0000, 0.0000,

242.9052, 127.7208

0.0000

225.3482,
292.6990, 161.6709

■ 25.3601, 40.6537,
10.0004

■ 25.3601, 40.6537,
10.0004

■ 23.6829, 39.8324,
8.0229

■ 27.4060, 41.6473,
12.9160

■ 22.3421, 39.1654,
6.8647

■ 29.8435, 42.8190,
16.8645

■ 21.4469, 38.7146,
6.3423

■ 32.6964, 44.1805,
21.9319

■ 35.9857, 45.7409,
28.1948

■ 39.7307, 47.5088,
35.7226

■ 43.9495, 49.4920,
44.5797

■ 48.6592, 51.6981,
54.8261

■ 53.8760, 54.1341,
66.5180

■ 59.6152, 56.8067,
79.7085

Harmonies

Analogous

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



34.6986, 40.6537, 5.4578



25.3601, 40.6537, 10.0004



20.4128, 40.6537, 24.8674

Triad

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



25.3601, 40.6537, 10.0004



31.0858, 40.6537, 143.2135



66.9224, 40.6537, 33.5694

Complementary

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



25.3601, 40.6537, 10.0004



21.2064, 11.8046, 50.4532

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.



65.3792, 40.6537, 71.7839



25.3601, 40.6537, 10.0004



42.8694, 40.6537, 150.0762

Square

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



25.3601, 40.6537, 10.0004



23.1995, 40.6537, 103.5325



55.8966, 40.6537, 119.1229



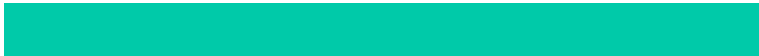
59.7504, 40.6537, 13.4682

Rectangle

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



25.3601, 40.6537, 10.0004



19.4902, 40.6537, 44.2004



55.8966, 40.6537, 119.1229



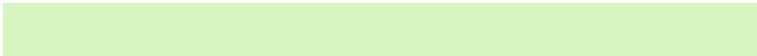
67.4361, 40.6537, 44.3296

Sweetspot

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



25.3611, 40.6554, 10.0013



70.7127, 84.8767, 63.0688



30.9857, 29.0092, 7.4569



15.1086, 18.4405, 12.9947



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.3611, 40.6554, 10.0013



40.9906, 70.6311, 13.0341



21.1876, 38.4614, 11.7289



9.7484, 10.8247, 10.1522



14.1781, 25.4850, 4.1718



0.6290, 1.0362, 0.1669

Inverse Universe

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



21.2064, 11.8046, 50.4532



32.9629, 15.9235, 89.6153



30.7723, 16.9021, 43.3945



9.5628, 9.5070, 12.0032



11.1038, 5.0103, 32.7747



0.5060, 0.2329, 1.2871

Previews

White Background



This preview shows how the XYZ color 25.3601, 40.6537, 10.0004 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 25.3601, 40.6537, 10.0004 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 25.3601, 40.6537, 10.0004

Background



This preview shows how black text looks on a background with the XYZ color 25.3601, 40.6537, 10.0004.



This preview shows how white text looks on a background with the XYZ color 25.3601, 40.6537,

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

25.3601, 40.6537, 10.0004

Protanopia

36.4150, 40.0476, 8.7164

Deuteranopia

40.8504, 39.8684, 10.5434



Tritanopia

34.5993, 40.3582, 56.4184

Trichromacy



Original Color

25.3601, 40.6537, 10.0004

Protanomaly

31.0151, 39.5534, 9.1319

Deuteranomaly

33.0504, 38.8406, 10.1699

Tritanomaly

29.7011, 39.8849, 31.7243

Monochromacy



Original Color

25.3601, 40.6537, 10.0004

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

26.3812, 33.2164, 21.2406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3601, 40.6537, 10.0004 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(107, 191, 54)` looks like.

```
.text, #text, p{  
    color:rgb(107, 191, 54)  
}
```

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(107, 191, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 191, 54) }
```

Border

The CSS property to change the border of an element to XYZ 25.3601, 40.6537, 10.0004 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(107, 191, 54) }
```


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

```
.border{ border-color:rgb(107, 191, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 191, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 191, 54); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 191, 54); box-shadow:4px 4px 4px 4px rgb(107, 191, 54) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3601, 40.6537, 10.0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 191, 54) }
```

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

```
.background{ background-color: rgb(107,  
191, 54) }
```

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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