

Converting Colors

XYZ(14.5696, 11.2510, 37.8516)

Have a look what the booklet for
XYZ(14.5696, 11.2510, 37.8516)
contains.

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Color

**XYZ(14.5825, 11.3037,
37.9725)**

Conversions

Conversions Part 1

Format	Color
Hex	5D53A7
RGB	93, 83, 167
RGB Percent	36%, 33%, 65%
CMY	0.6353, 0.6745, 0.3451
CMYK	0.44, 0.50, 0.00, 0.35
HSL	247°, 34%, 49%
HSV	247°, 50%, 65%
XYZ	14.5825, 11.3037, 37.9725
YIQ	95.5660, -21.0040, 28.2440

Conversions

Conversions Part 2

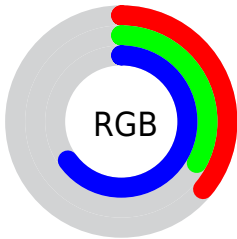
Format	Color
R_{YB}	93, 83, 167
Decimal	6116263
CIE _{Lab}	40.09, 25.92, -44.08
CIE _{LCh}	40, 51.129, 300.455
Yxy	11.3037, 0.2284, 0.1770
Android (android.graphics.Color)	4284306343 (0xFF5D53A7)
YUV	95.5660, 35.2170, -2.2504
Hunter-Lab	33.6210, 18.5845, -43.4292

Details

The XYZ color **14.5825, 11.3037, 37.9725** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **29.2846, 35.4302, 13.4792**, and the grayscale version is **10.9351, 11.5045, 12.5285**.

A 20% lighter version of the original color is **33.7394, 28.3058, 73.4973**, and **4.5297, 3.0132, 16.2625** is the 20% darker color. If you saturate the color by 10%, you get **12.1068, 8.3538, 37.5338**, and if you desaturate by 10%, it is **17.6534, 15.0175, 38.5277**.

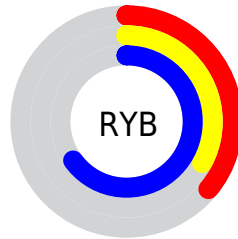
Distribution



Red (36%)

Green (33%)

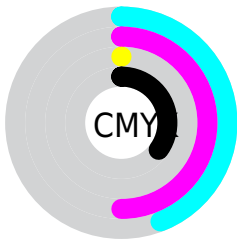
Blue (65%)



Red (36%)

Yellow (33%)

Blue (65%)

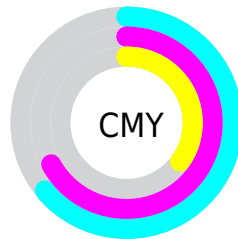


Cyan (44%)

Magenta (50%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (67%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5825, 11.3037, 37.9725 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 14.5825, 11.3037, 37.9725 by changing the saturation by 10% instead.

■ 14.5825, 11.3037,
37.9725

■ 14.5825, 11.3037,
37.9725

214.2640,
199.7394, 352.7966

■ 8.6113, 6.2715,
25.6597

■ 33.6968, 28.2204,
73.2689

■ 4.5436, 3.0109,
16.3457

■ 47.5706, 40.8737,
97.0896

■ 2.0140, 1.1374,
9.6121

■ 64.8093, 56.8361,
125.5834

■ 0.6418, 0.0097,
5.0403

■ 85.7783, 76.4921,
159.1687

■ 0.0000, 0.0000,
2.2118

■ 110.8429,
100.2261, 198.2642

■ 0.0000, 0.0000,
0.6812

140.3684,

■ 0.0000, 0.0000,

128.4223, 243.2883

0.0000

174.7204,
161.4653, 294.6596

■ 14.5825, 11.3037,
37.9725

■ 14.5825, 11.3037,
37.9725

■ 12.1068, 8.3538,
37.5338

■ 17.6534, 15.0175,
38.5277

■ 10.1859, 6.1133,
37.2026

■ 21.3534, 19.5424,
39.2061

■ 8.7765, 4.5220,
36.9697

■ 25.7157, 24.9230,
40.0147

■ 7.8282, 3.5094,
36.8243

■ 30.7706, 31.2004,
40.9600

■ 7.2612, 2.9376,
36.7438

■ 36.5465, 38.4130,
42.0477

■ 43.0703, 46.5971,
43.2836

■ 50.3675, 55.7868,
44.6728

■ 58.4624, 66.0148,
46.2203

■ 67.3781, 77.3121,
47.9310

Harmonies

Analogous

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



10.7980, 11.3037, 43.9702



14.5825, 11.3037, 37.9725



17.8321, 11.3037, 24.6627

Triad

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



14.5825, 11.3037, 37.9725



14.4680, 11.3037, 1.9383



5.2673, 11.3037, 12.4633

Complementary

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



14.5825, 11.3037, 37.9725



29.2846, 35.4302, 13.4792

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.



5.8377, 11.3037, 4.9728



14.5825, 11.3037, 37.9725



10.6898, 11.3037, 1.2884

Square

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



14.5825, 11.3037, 37.9725



17.7564, 11.3037, 4.8276



7.6459, 11.3037, 1.9838



5.8738, 11.3037, 25.0915

Rectangle

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



14.5825, 11.3037, 37.9725



18.9656, 11.3037, 15.8374



7.6459, 11.3037, 1.9838



5.3261, 11.3037, 9.3459

Sweetspot

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



14.5830, 11.3041, 37.9728



50.4476, 50.0817, 72.4831



22.6335, 28.8110, 40.9277



10.8842, 10.7047, 16.1447



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



14.5830, 11.3041, 37.9728



21.3763, 14.6003, 67.1668



20.0281, 14.1112, 38.2276



7.2117, 7.3417, 9.4553



5.5796, 2.2598, 28.1176



0.1603, 0.0676, 0.6853

Inverse Universe

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



25.1155, 16.8366, 33.8239



42.4988, 25.7109, 58.1448



22.4769, 31.9207, 13.1606



7.8029, 7.6510, 9.2792



16.2434, 7.9061, 21.8912



0.4056, 0.1965, 0.5876

Previews

White Background



This preview shows how the XYZ color 14.5825, 11.3037, 37.9725 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 × Fail

Black Background



This preview shows how the XYZ color 14.5825, 11.3037, 37.9725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

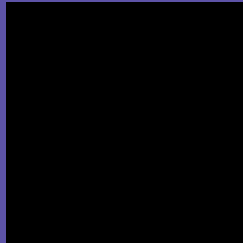
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5825, 11.3037, 37.9725

Background



This preview shows how black text looks on a background with the XYZ color 14.5825, 11.3037, 37.9725.



This preview shows how white text looks on a background with the XYZ color 14.5825, 11.3037,

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

14.5825, 11.3037, 37.9725

Protanopia

12.9790, 11.4670, 42.6036

Deuteranopia

11.6830, 11.4581, 36.7178



Tritanopia

10.0298, 11.3538, 15.2985

Trichromacy



Original Color

14.5825, 11.3037, 37.9725

Protanomaly

13.3620, 11.3201, 41.0159

Deuteranomaly

12.2775, 11.0983, 37.0924

Tritanomaly

11.3779, 11.2262, 21.9893

Monochromacy



Original Color

14.5825, 11.3037, 37.9725

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.9733, 11.3202, 19.9663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5825, 11.3037, 37.9725 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(93, 83, 167)` looks like.

```
.text, #text, p{  
    color:rgb(93, 83, 167)  
}
```

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(93, 83, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 83, 167) }
```

Border

The CSS property to change the border of an element to XYZ 14.5825, 11.3037, 37.9725 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(93, 83, 167) }
```


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

```
.border{ border-color:rgb(93, 83, 167) }
```

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

Here you see how a box with a 4 pixel rgb(93, 83, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 83, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 83, 167);  
box-shadow:4px 4px 4px 4px rgb(93, 83,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5825, 11.3037, 37.9725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 83, 167) }
```

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

```
.background{ background-color: rgb(93, 83,  
167) }
```

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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