

Converting Colors

XYZ(14.3165, 12.9336, 25.4088)

Have a look what the booklet for
XYZ(14.3165, 12.9336, 25.4088)
contains.

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Color

**XYZ(14.3165, 12.9336,
25.4088)**

Conversions

Conversions Part 1

Format	Color
Hex	685F89
RGB	104, 95, 137
RGB Percent	41%, 37%, 54%
CMY	0.5921, 0.6274, 0.4627
CMYK	0.24, 0.31, 0.00, 0.46
HSL	253°, 18%, 45%
HSV	253°, 31%, 54%
XYZ	14.3165, 12.9336, 25.4088
YIQ	102.4790, -8.1180, 14.9700

Conversions

Conversions Part 2

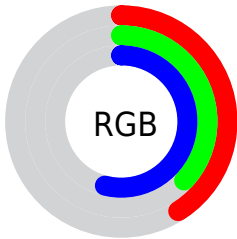
Format	Color
R_{YB}	104, 95, 137
Decimal	6840201
CIE _{Lab}	42.66, 13.18, -21.99
CIE _{LCh}	43, 25.634, 300.930
Yxy	12.9336, 0.2719, 0.2456
Android (android.graphics.Color)	4285030281 (0xFF685F89)
YUV	102.4790, 17.0189, 1.3339
Hunter-Lab	35.9633, 8.1226, -16.7152

Details

The XYZ color **14.3165, 12.9336, 25.4088** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.9136, 23.3070, 14.2761**, and the grayscale version is **12.7134, 13.3755, 14.5659**.

A 20% lighter version of the original color is **33.2397, 31.0803, 53.5374**, and **4.4495, 3.7255, 9.5014** is the 20% darker color. If you saturate the color by 10%, you get **12.0186, 10.0756, 24.9785**, and if you desaturate by 10%, it is **16.9918, 16.3090, 25.9195**.

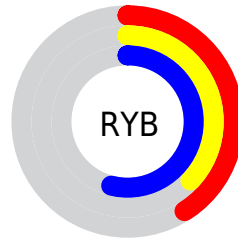
Distribution



Red (41%)

Green (37%)

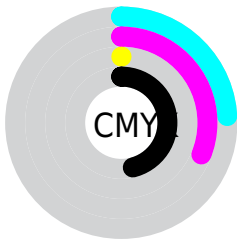
Blue (54%)



Red (41%)

Yellow (37%)

Blue (54%)

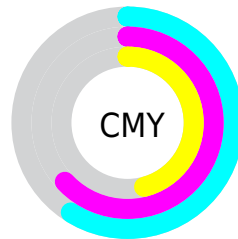


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (46%)



Cyan (59%)

Magenta (63%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3165, 12.9336, 25.4088 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 14.3165, 12.9336, 25.4088 by changing the saturation by 10% instead.

■ 14.3165, 12.9336,
25.4088

■ 14.3165, 12.9336,
25.4088

212.6624,
210.4917, 293.3803

■ 8.4243, 7.3828,
16.1601

■ 33.2312, 31.1844,
53.2920

■ 4.4217, 3.7027,
9.4819

■ 46.9843, 44.6533,
72.7635

■ 1.9434, 1.5087,
4.9558

■ 64.0885, 61.5303,
96.4797

■ 0.6018, 0.2948,
2.1630

■ 84.9091, 82.1999,
124.8592

■ 0.0000, 0.0000,
0.6529

109.8114,
107.0465, 158.3205

■ 0.0000, 0.0000,
0.0000

139.1609,

136.4543, 197.2820

173.3227,
170.8079, 242.1625

■ 14.3165, 12.9336,
25.4088

■ 14.3165, 12.9336,
25.4088

■ 12.0186, 10.0756,
24.9785

■ 16.9918, 16.3090,
25.9195

■ 10.0795, 7.7075,
24.6236

■ 20.0595, 20.2242,
26.5136

■ 8.4808, 5.8019,
24.3400

■ 23.5353, 24.7022,
27.1947

■ 7.2021, 4.3277,
24.1229

■ 27.4334, 29.7643,
27.9663

■ 6.2203, 3.2501,
23.9666

■ 31.7678, 35.4305,
28.8316

■ 5.5094, 2.5285,
23.8648

■ 36.5514, 41.7199,
29.7934

■ 5.0323, 2.0726,
23.8020

■ 41.7968, 48.6509,
30.8548

■ 47.5160, 56.2410,
32.0184

■ 53.7206, 64.5070,
33.2869

Harmonies

Analogous

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



12.3537, 12.9336, 27.7306



14.3165, 12.9336, 25.4088



15.8588, 12.9336, 19.9520

Triad

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



14.3165, 12.9336, 25.4088



14.2005, 12.9336, 6.6440



8.9209, 12.9336, 14.2569

Complementary

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



14.3165, 12.9336, 25.4088



19.9136, 23.3070, 14.2761

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.



9.3063, 12.9336, 9.4943



14.3165, 12.9336, 25.4088



12.2324, 12.9336, 5.8604

Square

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



14.3165, 12.9336, 25.4088



15.7870, 12.9336, 9.2649



10.4698, 12.9336, 6.7498



9.3567, 12.9336, 20.3339

Rectangle

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



14.3165, 12.9336, 25.4088



16.3669, 12.9336, 15.8388



10.4698, 12.9336, 6.7498



8.9583, 12.9336, 12.4610

Sweetspot

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



14.3169, 12.9341, 25.4091



36.7835, 37.3224, 47.6484



17.0327, 19.8347, 26.5979



8.0805, 8.1532, 10.6542



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.3169, 12.9341, 25.4091



22.6248, 19.4054, 44.9363



16.9781, 14.3060, 25.5336



4.8684, 4.9406, 6.3029



4.6964, 1.9352, 22.1717



0.0416, 0.0182, 0.1478

Inverse Universe

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



18.3054, 15.0617, 22.3648



31.0518, 23.9061, 38.2644



17.1474, 21.8810, 14.1467



5.1887, 5.1109, 6.0823



12.1179, 5.9573, 13.6573



0.0858, 0.0417, 0.1186

Previews

White Background



This preview shows how the XYZ color 14.3165, 12.9336, 25.4088 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 14.3165, 12.9336, 25.4088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

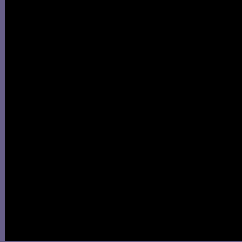
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3165, 12.9336, 25.4088

Background



This preview shows how black text looks on a background with the XYZ color 14.3165, 12.9336, 25.4088.



This preview shows how white text looks on a background with the XYZ color 14.3165, 12.9336,

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

14.3165, 12.9336, 25.4088

Protanopia

13.2200, 12.8918, 26.6025

Deuteranopia

13.2202, 12.9254, 25.0906



Tritanopia

12.5060, 13.0427, 16.0457

Trichromacy



Original Color

14.3165, 12.9336, 25.4088

Protanomaly

13.6440, 12.9791, 26.2122

Deuteranomaly

13.6355, 12.9997, 25.0831

Tritanomaly

13.1584, 13.0223, 19.2728

Monochromacy



Original Color

14.3165, 12.9336, 25.4088

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1499, 13.0450, 18.0445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3165, 12.9336, 25.4088 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(104, 95, 137)` looks like.

```
.text, #text, p{  
    color:rgb(104, 95, 137)  
}
```

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(104, 95, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 95, 137) }
```

Border

The CSS property to change the border of an element to XYZ 14.3165, 12.9336, 25.4088 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(104, 95, 137) }
```


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

```
.border{ border-color:rgb(104, 95, 137) }
```

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

Here you see how a box with a 4 pixel rgb(104, 95, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 95, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 95, 137);  
box-shadow:4px 4px 4px 4px rgb(104, 95,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3165, 12.9336, 25.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 95, 137) }
```

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

```
.background{ background-color: rgb(104, 95,  
137) }
```

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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