

Converting Colors

XYZ(14.7196, 13.3347, 28.9938)

Have a look what the booklet for
XYZ(14.7196, 13.3347, 28.9938)
contains.

XYZ(14.7185, 13.3340, 28.9921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.7185, 13.3340,
28.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	646192
RGB	100, 97, 146
RGB Percent	39%, 38%, 57%
CMY	0.6078, 0.6196, 0.4274
CMYK	0.32, 0.34, 0.00, 0.43
HSL	244°, 20%, 48%
HSV	244°, 34%, 57%
XYZ	14.7185, 13.3340, 28.9921
YIQ	103.4830, -13.9410, 15.8750

Conversions

Conversions Part 2

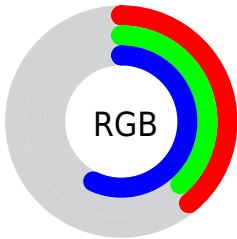
Format	Color
R_{YB}	100, 97, 146
Decimal	6578578
CIE _{Lab}	43.26, 13.06, -26.49
CIE _{LCh}	43, 29.536, 296.242
Yxy	13.3340, 0.2580, 0.2337
Android (android.graphics.Color)	4284768658 (0xFF646192)
YUV	103.4830, 20.9609, -3.0546
Hunter-Lab	36.5158, 8.0459, -21.5130

Details

The XYZ color **14.7185, 13.3340, 28.9921** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.7645, 27.2607, 15.3191**, and the grayscale version is **12.9692, 13.6446, 14.8590**.

A 20% lighter version of the original color is **33.9641, 32.0253, 59.0350**, and **4.6146, 3.8977, 11.3356** is the 20% darker color. If you saturate the color by 10%, you get **12.1011, 10.1632, 28.5183**, and if you desaturate by 10%, it is **17.8402, 17.1339, 29.5613**.

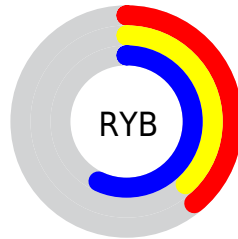
Distribution



Red (39%)

Green (38%)

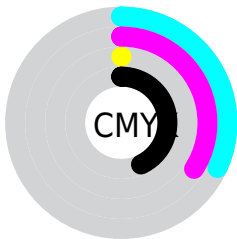
Blue (57%)



Red (39%)

Yellow (38%)

Blue (57%)

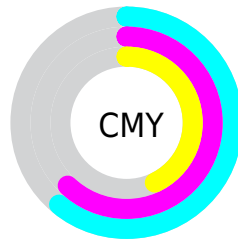


Cyan (32%)

Magenta (34%)

Yellow (0%)

Black (43%)



Cyan (61%)

Magenta (62%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7185, 13.3340, 28.9921 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 14.7185, 13.3340, 28.9921 by changing the saturation by 10% instead.

■ 14.7185, 13.3340,
28.9921

■ 14.7185, 13.3340,
28.9921

215.0783,
213.0473, 311.2374

■ 8.7071, 7.6589,
18.8293

■ 33.9343, 31.9025,
59.1066

■ 4.6062, 3.8775,
11.3714

■ 47.8694, 45.5648,
79.8953

■ 2.0505, 1.6053,
6.2000

■ 65.1765, 62.6583,
105.0632

■ 0.6621, 0.3612,
2.8963

■ 86.2208, 83.5673,
135.0286

■ 0.0000, 0.0000,
1.0419

111.3678,
108.6763, 170.2103

■ 0.0000, 0.0000,
0.0000

140.9828,

138.3698, 211.0266

175.4312,
173.0319, 257.8961

■ 14.7185, 13.3340,
28.9921

■ 14.7185, 13.3340,
28.9921

■ 12.1011, 10.1632,
28.5183

■ 17.8402, 17.1339,
29.5613

■ 9.9602, 7.5861,
28.1337

■ 21.4893, 21.5927,
30.2296

■ 8.2674, 5.5662,
27.8330

■ 25.6891, 26.7401,
31.0018

■ 6.9909, 4.0623,
27.6100

■ 30.4610, 32.6035,
31.8820

■ 6.0944, 3.0274,
27.4575

■ 35.8256, 39.2090,
32.8743

■ 5.5355, 2.4058,
27.3670

■ 41.8021, 46.5813,
33.9822

■ 5.3002, 2.1330,
27.3267

■ 48.4090, 54.7437,
35.2095

■ 55.6640, 63.7190,
36.5596

■ 63.5842, 73.5286,
38.0356

Harmonies

Analogous

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



12.3876, 13.3340, 31.0540



14.7185, 13.3340, 28.9921



16.6912, 13.3340, 22.6987

Triad

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



14.7185, 13.3340, 28.9921



15.2768, 13.3340, 6.3650



8.7735, 13.3340, 13.7089

Complementary

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



14.7185, 13.3340, 28.9921



23.7645, 27.2607, 15.3191

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.



9.3587, 13.3340, 8.5858



14.7185, 13.3340, 28.9921



12.9639, 13.3340, 5.2305

Square

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



14.7185, 13.3340, 28.9921



17.0397, 13.3340, 9.6326



10.8274, 13.3340, 5.9006



9.1253, 13.3340, 20.8274

Rectangle

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



14.7185, 13.3340, 28.9921



17.4412, 13.3340, 17.7232



10.8274, 13.3340, 5.9006



8.8651, 13.3340, 11.7254

Sweetspot

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



14.7190, 13.3345, 28.9924



40.2870, 41.0031, 53.7646



20.0237, 24.4275, 30.8540



8.7628, 8.8772, 11.9238



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.7190, 13.3345, 28.9924



22.5322, 19.3610, 50.5230



17.7683, 14.9065, 29.1351



5.5304, 5.6489, 7.2686



4.6713, 1.8807, 24.0478



0.0637, 0.0264, 0.2946

Inverse Universe

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



21.0870, 16.6440, 28.0880



35.5016, 26.1039, 48.5580



20.0515, 25.3466, 15.1453



6.0201, 5.9031, 7.2122



14.4120, 6.9699, 21.4485



0.1801, 0.0868, 0.2822

Previews

White Background



This preview shows how the XYZ color 14.7185, 13.3340, 28.9921 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 14.7185, 13.3340, 28.9921 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 14.7185, 13.3340, 28.9921

Background



This preview shows how black text looks on a background with the XYZ color 14.7185, 13.3340, 28.9921.

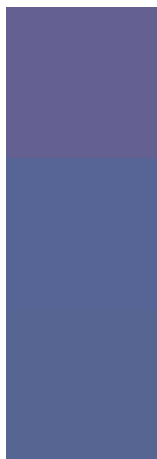


This preview shows how white text looks on a background with the XYZ color 14.7185, 13.3340,

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

14.7185, 13.3340, 28.9921

Protanopia

13.9162, 13.4557, 30.2975

Deuteranopia

13.6023, 13.3301, 28.6441



Tritanopia

12.3891, 13.3976, 17.2623

Trichromacy



Original Color

14.7185, 13.3340, 28.9921

Protanomaly

14.2169, 13.4766, 29.8689

Deuteranomaly

13.9824, 13.3828, 28.6343

Tritanomaly

13.1156, 13.2494, 20.9349

Monochromacy



Original Color

14.7185, 13.3340, 28.9921

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.4629, 13.4641, 19.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7185, 13.3340, 28.9921 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(100, 97, 146)` looks like.

```
.text, #text, p{  
    color:rgb(100, 97, 146)  
}
```

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(100, 97, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 97, 146) }
```

Border

The CSS property to change the border of an element to XYZ 14.7185, 13.3340, 28.9921 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(100, 97, 146) }
```


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

```
.border{ border-color:rgb(100, 97, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 97, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 97, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 97, 146);  
box-shadow:4px 4px 4px 4px rgb(100, 97,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7185, 13.3340, 28.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 97, 146) }
```

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

```
.background{ background-color: rgb(100, 97,  
146) }
```

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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