

Converting Colors

XYZ(13.3601, 14.7870, 19.2896)

Have a look what the booklet for
XYZ(13.3601, 14.7870, 19.2896)
contains.

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Color

**XYZ(13.3601, 14.7870,
19.2896)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6E76
RGB	93, 110, 118
RGB Percent	36%, 43%, 46%
CMY	0.6353, 0.5686, 0.5373
CMYK	0.21, 0.07, 0.00, 0.54
HSL	199°, 12%, 41%
HSV	199°, 21%, 46%
XYZ	13.3601, 14.7870, 19.2896
YIQ	105.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

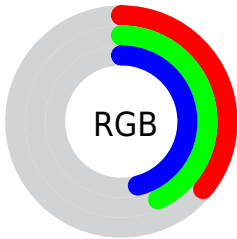
Format	Color
R_{YB}	93, 103, 118
Decimal	6123126
CIE Lab	45.34, -4.43, -6.57
CIE LCh	45, 7.921, 236.002
Yxy	14.7870, 0.2816, 0.3117
Android (android.graphics.Color)	4284313206 (0xFF5D6E76)
YUV	105.8290, 6.0003, -11.2510
Hunter-Lab	38.4539, -5.2777, -2.8239

Details

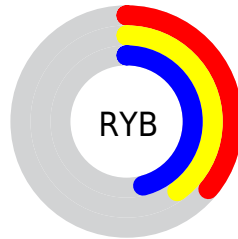
The XYZ color **13.3601, 14.7870, 19.2896** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1008, 13.9492, 12.3054**, and the grayscale version is **13.6397, 14.3500, 15.6272**.

A 20% lighter version of the original color is **31.6776, 34.6722, 43.0530**, and **3.9548, 4.4683, 6.4484** is the 20% darker color. If you saturate the color by 10%, you get **11.8581, 13.4212, 19.1054**, and if you desaturate by 10%, it is **15.0647, 16.2838, 19.4889**.

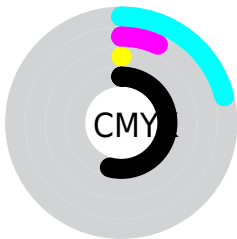
Distribution



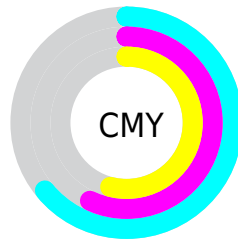
- Red (36%)
- Green (43%)
- Blue (46%)



- Red (36%)
- Yellow (40%)
- Blue (46%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3601, 14.7870, 19.2896 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 13.3601, 14.7870, 19.2896 by changing the saturation by 10% instead.

■ 13.3601, 14.7870,
19.2896

■ 13.3601, 14.7870,
19.2896

206.8041,
222.0733, 260.5187

■ 7.7557, 8.6700,
11.7008

■ 31.5451, 34.4791,
43.0661

■ 3.9895, 4.5266,
6.4202

■ 44.8563, 48.8230,
60.0908

■ 1.6962, 1.9723,
3.0294

■ 61.4672, 66.6780,
81.0980

■ 0.4539, 0.5913,
1.1096

■ 81.7431, 88.4285,
106.5061

■ 0.0000, 0.0000,
0.0000

106.0494,
114.4589, 136.7337

134.7514,

145.1536, 172.1993

168.2145,
180.8969, 213.3214

■ 13.3601, 14.7870,
19.2896

■ 13.3601, 14.7870,
19.2896

■ 11.8581, 13.4212,
19.1054

■ 15.0647, 16.2838,
19.4889

■ 10.5487, 12.1797,
18.9348

■ 16.9786, 17.9142,
19.7027

■ 9.4231, 11.0581,
18.7776

■ 19.1099, 19.6831,
19.9318

■ 8.4711, 10.0509,
18.6334

■ 21.4660, 21.5944,
20.1766

■ 7.6816, 9.1518,
18.5014

■ 24.0535, 23.6522,
20.4374

7.0420, 8.3542,
18.3812

26.8792, 25.8599,
20.7146

6.5377, 7.6501,
18.2719

29.9493, 28.2213,
21.0086

6.1569, 7.0817,
18.1822

33.2700, 30.7396,
21.3196

36.8470, 33.4182,
21.6481

Harmonies

Analogous

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



12.9497, 14.7870, 17.7390



13.3601, 14.7870, 19.2896



13.9667, 14.7870, 19.9854

Triad

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



13.3601, 14.7870, 19.2896



15.3526, 14.7870, 16.3540



13.5081, 14.7870, 13.0633

Complementary

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



13.3601, 14.7870, 19.2896



14.1008, 13.9492, 12.3054

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.



14.1428, 14.7870, 12.7548



13.3601, 14.7870, 19.2896



15.2207, 14.7870, 14.5662

Square

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



13.3601, 14.7870, 19.2896



15.1280, 14.7870, 18.2091



14.7728, 14.7870, 13.2839



13.0332, 14.7870, 14.1614

Rectangle

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



13.3601, 14.7870, 19.2896



14.4057, 14.7870, 19.8341



14.7728, 14.7870, 13.2839



13.7093, 14.7870, 12.8676

Sweetspot

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



13.3605, 14.7876, 19.2899



28.1363, 30.0458, 34.4535



13.3377, 16.2222, 14.7190



6.4328, 6.8771, 7.9173



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.3605, 14.7876, 19.2899



22.2770, 24.9076, 33.7705



12.1132, 12.2930, 18.8742



3.6892, 3.9671, 4.6615



6.6493, 7.6383, 19.6665



31.6045, 35.6256, 95.5710

Inverse Universe

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



14.2004, 12.8063, 16.4760



24.0292, 20.8929, 27.8729



15.3990, 16.5456, 12.7381



3.7792, 3.7389, 4.3638



9.6534, 4.7951, 8.6489



46.6392, 23.2058, 40.0251

Previews

White Background



This preview shows how the XYZ color 13.3601, 14.7870, 19.2896 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 13.3601, 14.7870, 19.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

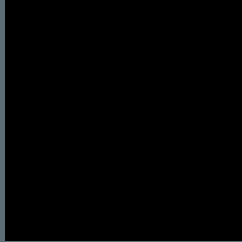
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

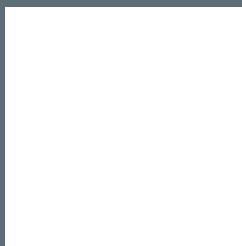
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.3601, 14.7870, 19.2896

Background



This preview shows how black text looks on a background with the XYZ color 13.3601, 14.7870, 19.2896.



This preview shows how white text looks on a background with the XYZ color 13.3601, 14.7870,

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

13.3601, 14.7870, 19.2896

Protanopia

14.2503, 14.6332, 18.5964

Deuteranopia

14.9622, 14.6773, 19.4972



Tritanopia

13.4199, 14.8109, 19.6043

Trichromacy



Original Color

13.3601, 14.7870, 19.2896

Protanomaly

13.8354, 14.5664, 18.9120

Deuteranomaly

14.3095, 14.6432, 19.5250

Tritanomaly

13.4199, 14.8109, 19.6043

Monochromacy



Original Color

13.3601, 14.7870, 19.2896

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.4390, 14.4079, 16.8245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3601, 14.7870, 19.2896 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, 110, 118) looks like.

```
.text, #text, p{  
    color:rgb(93, 110, 118)  
}
```

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, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 110, 118) }
```

Border

The CSS property to change the border of an element to XYZ 13.3601, 14.7870, 19.2896 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, 110, 118) }
```


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

```
.border{ border-color:rgb(93, 110, 118) }
```

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

Here you see how a box with a 4 pixel rgb(93, 110, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(93, 110,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3601, 14.7870, 19.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 110, 118) }
```

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

```
.background{ background-color: rgb(93, 110,  
118) }
```

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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