

Converting Colors

XYZ(13.3998, 13.9495, 21.7341)

Have a look what the booklet for
XYZ(13.3998, 13.9495, 21.7341)
contains.

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Color

**XYZ(13.4336, 13.9892,
21.7308)**

Conversions

Conversions Part 1

Format	Color
Hex	5E697E
RGB	94, 105, 126
RGB Percent	37%, 41%, 49%
CMY	0.6314, 0.5882, 0.5059
CMYK	0.25, 0.17, 0.00, 0.51
HSL	219°, 15%, 43%
HSV	219°, 25%, 49%
XYZ	13.4336, 13.9892, 21.7308
YIQ	104.1050, -13.2970, 4.1990

Conversions

Conversions Part 2

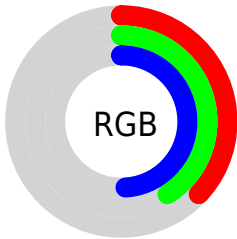
Format	Color
R _Y B	94, 102, 126
Decimal	6187390
CIE Lab	44.22, 0.89, -13.06
CIE LCh	44, 13.086, 273.901
Yxy	13.9892, 0.2733, 0.2846
Android (android.graphics.Color)	4284377470 (0xFF5E697E)
YUV	104.1050, 10.7942, -8.8621
Hunter-Lab	37.4021, -1.3425, -8.2662

Details

The XYZ color **13.4336, 13.9892, 21.7308** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7555, 17.5054, 13.0859**, and the grayscale version is **13.1611, 13.8465, 15.0789**.

A 20% lighter version of the original color is **31.7022, 33.0513, 47.3565**, and **4.0249, 4.1663, 7.6132** is the 20% darker color. If you saturate the color by 10%, you get **11.4440, 11.7738, 21.4083**, and if you desaturate by 10%, it is **15.7170, 16.4783, 22.0911**.

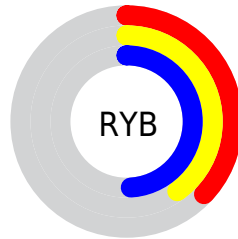
Distribution



Red (37%)

Green (41%)

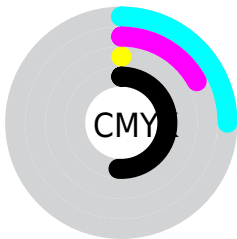
Blue (49%)



Red (37%)

Yellow (40%)

Blue (49%)

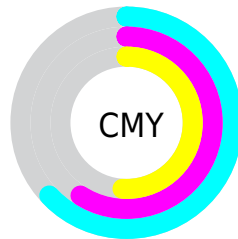


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (51%)



Cyan (63%)

Magenta (59%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4336, 13.9892, 21.7308 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 13.4336, 13.9892, 21.7308 by changing the saturation by 10% instead.

■ 13.4336, 13.9892,
21.7308

■ 13.4336, 13.9892,
21.7308

207.2601,
217.1636, 274.0447

■ 7.8068, 8.1132,
13.4628

■ 31.6753, 33.0699,
47.1971

■ 4.0224, 4.1674,
7.6135

■ 45.0210, 47.0433,
65.2326

■ 1.7148, 1.7677,
3.7645

■ 61.6704, 64.4846,
87.3609

■ 0.4655, 0.4669,
1.4970

■ 81.9888, 85.7782,
114.0006

■ 0.0000, 0.0000,
0.2157

106.3416,
111.3085, 145.5703

■ 0.0000, 0.0000,
0.0000

135.0942,

141.4599, 182.4886

168.6119,
176.6168, 225.1738

■ 13.4336, 13.9892,
21.7308

■ 13.4336, 13.9892,
21.7308

■ 11.4440, 11.7738,
21.4083

■ 15.7170, 16.4783,
22.0911

■ 9.7342, 9.8204,
21.1214

■ 18.3046, 19.2488,
22.4895

■ 8.2912, 8.1191,
20.8690

■ 21.2078, 22.3102,
22.9274

■ 7.1003, 6.6585,
20.6499

■ 24.4374, 25.6708,
23.4059

■ 6.1453, 5.4262,
20.4623

■ 28.0032, 29.3390,
23.9259

■ 5.4078, 4.4085,
20.3048

■ 31.9148, 33.3224,
24.4886

■ 4.8600, 3.5866,
20.1750

■ 36.1814, 37.6286,
25.0950

■ 4.6413, 3.2571,
20.1229

■ 40.8120, 42.2649,
25.7458

■ 45.8149, 47.2383,
26.4421

Harmonies

Analogous

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



12.4311, 13.9892, 21.0116



13.4336, 13.9892, 21.7308



14.4498, 13.9892, 20.5297

Triad

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



13.4336, 13.9892, 21.7308



15.0363, 13.9892, 12.2400



11.5709, 13.9892, 12.8360

Complementary

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



13.4336, 13.9892, 21.7308



16.7555, 17.5054, 13.0859

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.



12.2059, 13.9892, 10.9342



13.4336, 13.9892, 21.7308



14.2008, 13.9892, 10.6230

Square

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



13.4336, 13.9892, 21.7308



15.4053, 13.9892, 14.8434



13.1600, 13.9892, 10.1780



11.3892, 13.9892, 15.6271

Rectangle

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



13.4336, 13.9892, 21.7308



14.9883, 13.9892, 18.8835



13.1600, 13.9892, 10.1780



11.7367, 13.9892, 12.0843

Sweetspot

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



13.4340, 13.9898, 21.7311



30.8932, 32.4697, 39.3834



15.1603, 18.5349, 18.9383



6.8903, 7.2396, 8.9373



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.4340, 13.9898, 21.7311



21.7253, 22.4967, 37.9416



12.8928, 12.1536, 21.4052



4.2204, 4.4347, 5.4468



4.7578, 3.3342, 20.6427



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1571, 13.4614, 15.1646



25.2912, 21.5371, 24.3221



17.3947, 19.8095, 13.4970



4.3841, 4.3668, 4.8269



9.2785, 4.7311, 2.7904



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.4336, 13.9892, 21.7308 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 13.4336, 13.9892, 21.7308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

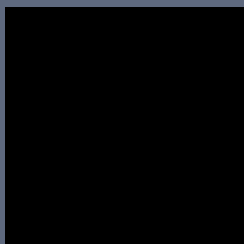
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

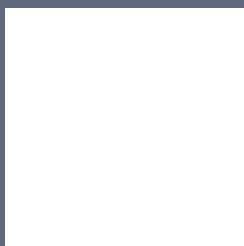
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.4336, 13.9892, 21.7308

Background



This preview shows how black text looks on a background with the XYZ color 13.4336, 13.9892, 21.7308.

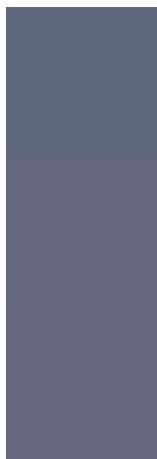


This preview shows how white text looks on a background with the XYZ color 13.4336, 13.9892,

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

13.4336, 13.9892, 21.7308

Protanopia

13.8074, 13.8905, 21.3554

Deuteranopia

14.1757, 13.9186, 22.0181



Tritanopia

12.7658, 14.0285, 18.2546

Trichromacy



Original Color

13.4336, 13.9892, 21.7308

Protanomaly

13.6890, 13.9780, 21.3786

Deuteranomaly

13.9365, 13.9421, 22.0352

Tritanomaly

12.9980, 13.9671, 19.4636

Monochromacy



Original Color

13.4336, 13.9892, 21.7308

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.1305, 13.7798, 17.2970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4336, 13.9892, 21.7308 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(94, 105, 126) looks like.

```
.text, #text, p{  
    color:rgb(94, 105, 126)  
}
```

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(94, 105, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 105, 126) }
```

Border

The CSS property to change the border of an element to XYZ 13.4336, 13.9892, 21.7308 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(94, 105, 126) }
```


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

```
.border{ border-color:rgb(94, 105, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 105, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 105, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 105, 126);  
box-shadow:4px 4px 4px 4px rgb(94, 105,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4336, 13.9892, 21.7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 105, 126) }
```

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

```
.background{ background-color: rgb(94, 105,  
126) }
```

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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