

Converting Colors

XYZ(13.5955, 20.6602, 3.3192)

Have a look what the booklet for
XYZ(13.5955, 20.6602, 3.3192)
contains.

| | |
|--|----|
| XYZ(13.6572, 20.7449, 3.3418) | 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(13.6572, 20.7449,
3.3418)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5C8B02 |
| RGB | 92, 139, 2 |
| RGB Percent | 36%, 55%, 1% |
| CMY | 0.6392, 0.4549, 0.9921 |
| CMYK | 0.34, 0.00, 0.99, 0.45 |
| HSL | 81°, 97%, 28% |
| HSV | 81°, 99%, 55% |
| XYZ | 13.6572, 20.7449, 3.3418 |
| YIQ | 109.3290, 15.9650, -52.5710 |

Conversions

Conversions Part 2

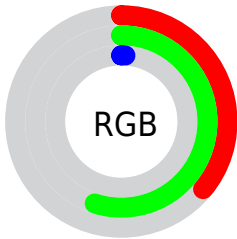
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 2, 139, 49 |
| Decimal | 6064898 |
| CIELab | 52.67, -34.10, 55.78 |
| CIElCh | 53, 65.376, 121.442 |
| Yxy | 20.7449, 0.3618, 0.5496 |
| Android (android.graphics.Color) | 4284254978 (0xFF5C8B02) |
| YUV | 109.3290, -52.9132, -15.1975 |
| Hunter-Lab | 45.5466, -26.1830, 27.5324 |

Details

The XYZ color **13.6572, 20.7449, 3.3418** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.9495, 2.5611, 24.6080**, and the grayscale version is **14.7729, 15.5423, 16.9255**.

A 20% lighter version of the original color is **32.1460, 44.7603, 12.4142**, and **4.3264, 7.4108, 1.2024** is the 20% darker color. If you saturate the color by 10%, you get **13.5780, 20.7060, 3.2810**, and if you desaturate by 10%, it is **14.2311, 21.0320, 3.7962**.

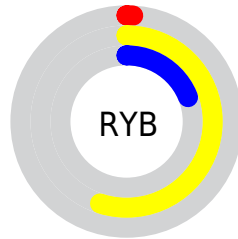
Distribution



Red (36%)

Green (55%)

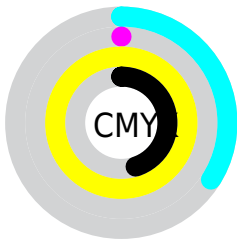
Blue (1%)



Red (1%)

Yellow (55%)

Blue (19%)

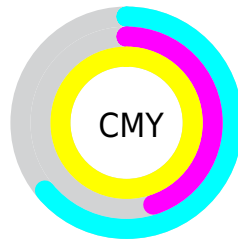


Cyan (34%)

Magenta (0%)

Yellow (99%)

Black (45%)



Cyan (64%)

Magenta (45%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6572, 20.7449, 3.3418 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 13.6572, 20.7449, 3.3418 by changing the saturation by 10% instead.

■ 13.6572, 20.7449,
3.3418

■ 13.6572, 20.7449,
3.3418

208.6413,
255.9197, 140.6015

■ 7.9627, 12.9377,
1.2717

■ 32.0709, 44.6626,
12.4608

■ 4.1227, 7.3856,
0.0384

■ 45.5209, 61.5418,
20.3468

■ 1.7718, 3.7044,
0.0000

■ 62.2867, 82.2139,
31.0085

■ 0.5006, 1.5096,
0.0000

■ 82.7337, 107.0631,
44.8644


■ 0.0000, 0.2955,
0.0000


■ 107.2273,
136.4739, 62.3332


■ 0.0000, 0.0000,
0.0000


■ 136.1329,


170.8306, 83.8332


 169.8158,
210.5178, 109.7832


 13.6572, 20.7449,
3.3418


 13.6572, 20.7449,
3.3418


 13.5780, 20.7060,
3.2810

 14.2311, 21.0320,
3.7962

 14.8923, 21.3568,
4.5531

 15.6628, 21.7289,
5.7231

 16.5522, 22.1522,
7.3548

 17.5689, 22.6301,
9.4899

■ 18.7206, 23.1658,
12.1653

■ 20.0139, 23.7620,
15.4146

■ 21.4553, 24.4212,
19.2687

■ 23.0506, 25.1459,
23.7562

Harmonies

Analogous

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



19.3904, 20.7449, 2.0309



13.6572, 20.7449, 3.3418



10.3241, 20.7449, 9.0066

Triad

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



13.6572, 20.7449, 3.3418



14.1079, 20.7449, 73.9695



35.8746, 20.7449, 21.6590

Complementary

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



13.6572, 20.7449, 3.3418



5.9495, 2.5611, 24.6080

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.



33.5632, 20.7449, 45.6121



13.6572, 20.7449, 3.3418



20.0481, 20.7449, 84.4411

Square

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



13.6572, 20.7449, 3.3418



10.5392, 20.7449, 48.2680



27.3481, 20.7449, 71.9121



33.0966, 20.7449, 8.1515

Rectangle

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



13.6572, 20.7449, 3.3418



9.4141, 20.7449, 17.4646



27.3481, 20.7449, 71.9121



35.6644, 20.7449, 28.6257

Sweetspot

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



13.6577, 20.7458, 3.3422



35.3321, 42.3183, 26.2943



11.7027, 7.5810, 0.9042



7.9402, 9.6585, 5.5498



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.6577, 20.7458, 3.3422



24.1322, 36.9851, 5.8669



9.6411, 18.6752, 3.1543



5.2672, 5.7605, 5.3867



12.2730, 18.6970, 2.9620



0.0973, 0.1323, 0.0204

Inverse Universe

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



5.9495, 2.5611, 24.6080



10.3398, 4.3663, 44.0408



11.9075, 5.6325, 24.8869



4.9259, 4.9702, 6.3056



5.3102, 2.2516, 22.2004



0.0498, 0.0225, 0.1482

Previews

White Background



This preview shows how the XYZ color 13.6572, 20.7449, 3.3418 looks on a white 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

Black Background



This preview shows how the XYZ color 13.6572, 20.7449, 3.3418 looks on a black 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

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

XYZ 13.6572, 20.7449, 3.3418

Background



This preview shows how black text looks on a background with the XYZ color 13.6572, 20.7449, 3.3418.



This preview shows how white text looks on a background with the XYZ color 13.6572, 20.7449,

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

13.6572, 20.7449, 3.3418

Protanopia

18.4454, 20.5844, 3.0010

Deuteranopia

20.8952, 20.5419, 3.9006



Tritanopia

18.5277, 20.6581, 27.8218

Trichromacy



Original Color

13.6572, 20.7449, 3.3418

Protanomaly

16.2902, 20.4457, 3.1166

Deuteranomaly

17.4016, 20.0337, 3.5220

Tritanomaly

15.5998, 20.2799, 12.7651

Monochromacy



Original Color

13.6572, 20.7449, 3.3418

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.4155, 16.7587, 8.3220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6572, 20.7449, 3.3418 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(92, 139, 2)` looks like.

```
.text, #text, p{  
    color:rgb(92, 139, 2)  
}
```

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(92, 139, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 139, 2) }
```

Border

The CSS property to change the border of an element to XYZ 13.6572, 20.7449, 3.3418 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(92, 139, 2) }
```


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

```
.border{ border-color:rgb(92, 139, 2) }
```

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

Here you see how a box with a 4 pixel rgb(92, 139, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 139, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 139, 2);  
box-shadow:4px 4px 4px 4px rgb(92, 139, 2)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.6572, 20.7449, 3.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 139, 2) }
```

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

```
.background{ background-color: rgb(92, 139,  
2) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor