

Converting Colors

XYZ(14.2255, 21.3486, 3.5886)

Have a look what the booklet for
XYZ(14.2255, 21.3486, 3.5886)
contains.

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Color

**XYZ(14.1412, 21.2066,
3.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8C08
RGB	95, 140, 8
RGB Percent	37%, 55%, 3%
CMY	0.6275, 0.4510, 0.9686
CMYK	0.32, 0.00, 0.94, 0.45
HSL	80°, 89%, 29%
HSV	80°, 94%, 55%
XYZ	14.1412, 21.2066, 3.5777
YIQ	111.4970, 15.5520, -50.5920

Conversions

Conversions Part 2

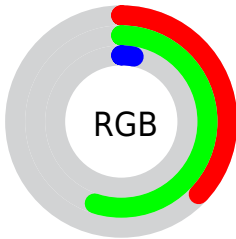
Format	Color
RYB	8, 140, 53
Decimal	6261768
CIELab	53.17, -33.22, 55.21
CIElCh	53, 64.435, 121.040
Yxy	21.2066, 0.3633, 0.5448
Android (android.graphics.Color)	4284451848 (0xFF5F8C08)
YUV	111.4970, -51.0240, -14.4679
Hunter-Lab	46.0506, -25.7749, 27.6292

Details

The XYZ color **14.1412, 21.2066, 3.5777** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.2898, 2.8247, 25.0259**, and the grayscale version is **15.3959, 16.1977, 17.6392**.

A 20% lighter version of the original color is **33.0068, 45.5225, 13.0083**, and **4.5272, 7.6370, 1.2355** is the 20% darker color. If you saturate the color by 10%, you get **13.8190, 21.0463, 3.3340**, and if you desaturate by 10%, it is **14.7539, 21.5115, 4.1341**.

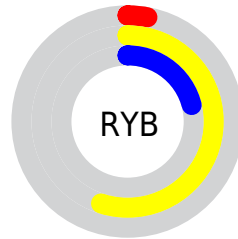
Distribution



 Red (37%)


 Green (55%)

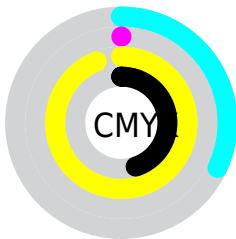
 Blue (3%)



 Red (3%)

 Yellow (55%)

 Blue (21%)

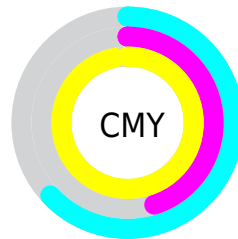


 Cyan (32%)


 Magenta (0%)

 Yellow (94%)

 Black (45%)



 Cyan (63%)

 Magenta (45%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1412, 21.2066, 3.5777 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 14.1412, 21.2066, 3.5777 by changing the saturation by 10% instead.

■ 14.1412, 21.2066,
3.5777

■ 14.1412, 21.2066,
3.5777

211.6006,
258.3744, 143.4090

■ 8.3013, 13.2751,
1.3967

■ 32.9235, 45.4311,
13.0235

■ 4.3418, 7.6183,
0.1391

■ 46.5967, 62.4929,
21.1253

■ 1.8972, 3.8517,
0.0000

■ 63.6116, 83.3670,
32.0377

■ 0.5752, 1.5909,
0.0000

■ 84.3337, 108.4376,
46.1794


■ 0.0000, 0.3515,
0.0000


■ 109.1283,
138.0893, 63.9689


■ 0.0000, 0.0000,
0.0000


■ 138.3607,


172.7064, 85.8246


 172.3963,
212.6733, 112.1651


 14.1412, 21.2066,
3.5777


 14.1412, 21.2066,
3.5777


 13.8190, 21.0463,
3.3340

 14.7539, 21.5115,
4.1341

 15.4697, 21.8604,
5.0741

 16.3006, 22.2590,
6.4562

 17.2559, 22.7111,
8.3265

 18.3436, 23.2199,
10.7251

■ 19.5712, 23.7884,
13.6882

■ 20.9453, 24.4194,
17.2487

■ 22.4720, 25.1153,
21.4369

■ 24.1574, 25.8787,
26.2811

Harmonies

Analogous

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



19.9201, 21.2066, 2.2451



14.1412, 21.2066, 3.5777



10.7484, 21.2066, 9.2964

Triad

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



14.1412, 21.2066, 3.5777



14.4679, 21.2066, 73.7518



36.2478, 21.2066, 22.4180

Complementary

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



14.1412, 21.2066, 3.5777



6.2898, 2.8247, 25.0259

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.



33.8877, 21.2066, 46.3650



14.1412, 21.2066, 3.5777



20.3942, 21.2066, 84.3595

Square

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



14.1412, 21.2066, 3.5777



10.9051, 21.2066, 48.2621



27.6729, 21.2066, 72.2890



33.5536, 21.2066, 8.6698

Rectangle

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



14.1412, 21.2066, 3.5777



9.8076, 21.2066, 17.7382



27.6729, 21.2066, 72.2890



36.0156, 21.2066, 29.4235

Sweetspot

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



14.1417, 21.2075, 3.5782



35.8487, 42.5569, 27.5695



12.0880, 8.0500, 1.1467



8.0480, 9.7085, 5.8067



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.



14.1417, 21.2075, 3.5782



24.1857, 37.0127, 5.8694



9.9581, 19.0508, 3.3824



5.2682, 5.7610, 5.3867



12.2998, 18.7107, 2.9633



0.0974, 0.1324, 0.0204

Inverse Universe

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



6.2898, 2.8247, 25.0259



10.3154, 4.3537, 44.0396



12.2926, 5.9193, 25.3069



4.9250, 4.9697, 6.3055



5.2975, 2.2451, 22.1998



0.0497, 0.0224, 0.1482

Previews

White Background



This preview shows how the XYZ color 14.1412, 21.2066, 3.5777 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

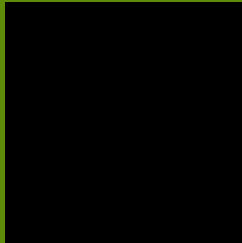
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.1412, 21.2066, 3.5777

Background



This preview shows how black text looks on a background with the XYZ color 14.1412, 21.2066, 3.5777.



This preview shows how white text looks on a background with the XYZ color 14.1412, 21.2066,

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

14.1412, 21.2066, 3.5777

Protanopia

18.9171, 21.0184, 3.0599

Deuteranopia

21.2241, 20.8877, 4.0117



Tritanopia

19.0970, 21.1396, 28.2731

Trichromacy



Original Color

14.1412, 21.2066, 3.5777

Protanomaly

16.8719, 20.9447, 3.2396

Deuteranomaly

17.8781, 20.4671, 3.7177

Tritanomaly

16.2098, 20.7836, 13.5132

Monochromacy



Original Color

14.1412, 21.2066, 3.5777

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.0213, 17.4167, 9.1013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1412, 21.2066, 3.5777 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(95, 140, 8)` looks like.

```
.text, #text, p{  
    color:rgb(95, 140, 8)  
}
```

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(95, 140, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 140, 8) }
```

Border

The CSS property to change the border of an element to XYZ 14.1412, 21.2066, 3.5777 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(95, 140, 8) }
```


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

```
.border{ border-color:rgb(95, 140, 8) }
```

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

Here you see how a box with a 4 pixel rgb(95, 140, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 140, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 140, 8);  
box-shadow:4px 4px 4px 4px rgb(95, 140, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1412, 21.2066, 3.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 140, 8) }
```

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

```
.background{ background-color: rgb(95, 140,  
8) }
```

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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