

Converting Colors

XYZ(14.3854, 22.0996, 6.1715)

Have a look what the booklet for
XYZ(14.3854, 22.0996, 6.1715)
contains.

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Color

**XYZ(14.4168, 22.1780,
6.2103)**

Conversions

Conversions Part 1

Format	Color
Hex	57902F
RGB	87, 144, 47
RGB Percent	34%, 56%, 18%
CMY	0.6588, 0.4353, 0.8157
CMYK	0.40, 0.00, 0.67, 0.44
HSL	95°, 51%, 37%
HSV	95°, 67%, 56%
XYZ	14.4168, 22.1780, 6.2103
YIQ	115.8990, -2.8350, -42.2510

Conversions

Conversions Part 2

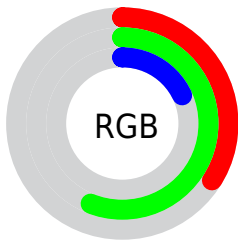
Format	Color
R_{YB}	47, 144, 104
Decimal	5738543
CIE _{Lab}	54.22, -36.00, 44.07
CIE _{LCh}	54, 56.908, 129.241
Yxy	22.1780, 0.3368, 0.5181
Android (android.graphics.Color)	4283928623 (0xFF57902F)
YUV	115.8990, -33.9672, -25.3444
Hunter-Lab	47.0935, -27.7692, 25.1468

Details

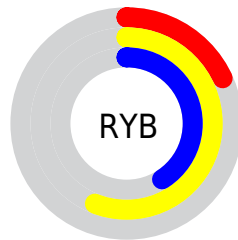
The XYZ color **14.4168, 22.1780, 6.2103** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.7607, 6.9905, 27.1163**, and the grayscale version is **16.6714, 17.5396, 19.1007**.

A 20% lighter version of the original color is **33.3832, 46.9327, 18.8547**, and **4.5415, 8.1520, 1.3341** is the 20% darker color. If you saturate the color by 10%, you get **13.4288, 21.6975, 4.8901**, and if you desaturate by 10%, it is **15.5944, 22.7465, 8.0407**.

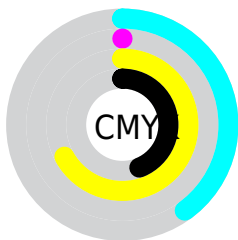
Distribution



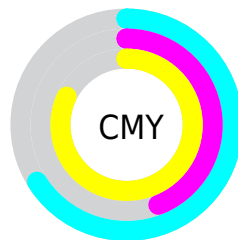
- Red (34%)
- Green (56%)
- Blue (18%)



- Red (18%)
- Yellow (56%)
- Blue (41%)



- Cyan (40%)
- Magenta (0%)
- Yellow (67%)
- Black (44%)



- Cyan (66%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4168, 22.1780, 6.2103 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 14.4168, 22.1780, 6.2103 by changing the saturation by 10% instead.

■ 14.4168, 22.1780,
6.2103

■ 14.4168, 22.1780,
6.2103

213.2677,
263.4744, 170.3044

■ 8.4948, 13.9877,
2.9025

■ 33.4069, 47.0400,
18.8510

■ 4.4676, 8.1121,
1.0451

■ 47.2057, 64.4806,
29.0210

■ 1.9699, 4.1668,
0.0000

■ 64.3607, 85.7734,
42.3155

■ 0.6170, 1.7673,
0.0000

■ 85.2374, 111.3028,
59.1531

■ 0.0000, 0.4667,
0.0000

■ 110.2011,
141.4532, 79.9522

■ 0.0000, 0.0000,
0.0000

■ 139.6171,

176.6090, 105.1314

173.8509,
217.1546, 135.1093

■ 14.4168, 22.1780,
6.2103

■ 14.4168, 22.1780,
6.2103

■ 13.4288, 21.6975,
4.8901

■ 15.5944, 22.7465,
8.0407

■ 12.6157, 21.2967,
4.0268

■ 16.9716, 23.4051,
10.4250

■ 11.9569, 20.9674,
3.5261

■ 18.5594, 24.1594,
13.4036

■ 11.7998, 20.8889,
3.4100

■ 20.3674, 25.0134,
17.0129

■ 22.4046, 25.9712,
21.2864

■ 24.6795, 27.0363,
26.2552

■ 27.2001, 28.2123,
31.9483

■ 29.9738, 29.5024,
38.3933

■ 33.0080, 30.9099,
45.6160

Harmonies

Analogous

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



19.2270, 22.1780, 3.7191



14.4168, 22.1780, 6.2103



11.8011, 22.1780, 13.9774

Triad

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



14.4168, 22.1780, 6.2103



17.1397, 22.1780, 72.0396



35.1289, 22.1780, 19.0817

Complementary

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



14.4168, 22.1780, 6.2103



11.7607, 6.9905, 27.1163

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.



34.2679, 22.1780, 38.3407



14.4168, 22.1780, 6.2103



23.0473, 22.1780, 75.7676

Square

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



14.4168, 22.1780, 6.2103



13.1463, 22.1780, 52.7313



29.5317, 22.1780, 61.2903



31.6950, 22.1780, 8.3767

Rectangle

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



14.4168, 22.1780, 6.2103



11.2851, 22.1780, 23.6999



29.5317, 22.1780, 61.2903



35.3448, 22.1780, 24.6018

Sweetspot

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



14.4173, 22.1790, 6.2108



38.3748, 45.2698, 35.1157



16.9241, 15.9525, 4.8768



8.5910, 10.2831, 7.6128



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.



14.4173, 22.1790, 6.2108



22.8869, 37.8758, 7.7234



11.8379, 20.8286, 7.0217



5.5403, 6.1312, 5.7808



10.3006, 18.2027, 2.9706



0.1225, 0.1864, 0.0295

Inverse Universe

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



11.7607, 6.9905, 27.1163



17.7999, 9.0589, 47.3484



16.9571, 9.7382, 24.2486



5.4141, 5.4017, 6.7860



7.6435, 3.4340, 23.2370



0.0982, 0.0458, 0.2233

Previews

White Background



This preview shows how the XYZ color 14.4168, 22.1780, 6.2103 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 14.4168, 22.1780, 6.2103 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 14.4168, 22.1780, 6.2103

Background



This preview shows how black text looks on a background with the XYZ color 14.4168, 22.1780, 6.2103.



This preview shows how white text looks on a background with the XYZ color 14.4168, 22.1780,

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

14.4168, 22.1780, 6.2103

Protanopia

19.7879, 21.8042, 5.4512

Deuteranopia

22.2460, 21.9058, 6.5458



Tritanopia

19.2543, 22.1971, 30.0577

Trichromacy



Original Color

14.4168, 22.1780, 6.2103

Protanomaly

17.1481, 21.4430, 5.6180

Deuteranomaly

18.3867, 21.4582, 6.3047

Tritanomaly

16.7786, 21.8225, 17.7958

Monochromacy



Original Color

14.4168, 22.1780, 6.2103

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.1749, 18.6803, 12.7034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4168, 22.1780, 6.2103 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(87, 144, 47)` looks like.

```
.text, #text, p{  
    color:rgb(87, 144, 47)  
}
```

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(87, 144, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 144, 47) }
```

Border

The CSS property to change the border of an element to XYZ 14.4168, 22.1780, 6.2103 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(87, 144, 47) }
```


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

```
.border{ border-color:rgb(87, 144, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 144, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 144, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 144, 47);  
box-shadow:4px 4px 4px 4px rgb(87, 144,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4168, 22.1780, 6.2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 144, 47) }
```

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

```
.background{ background-color: rgb(87, 144,  
47) }
```

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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