

Converting Colors

XYZ(14.4865, 21.9215, 4.4314)

Have a look what the booklet for
XYZ(14.4865, 21.9215, 4.4314)
contains.

XYZ(14.5231, 22.0467, 4.4673)	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(14.5231, 22.0467,
4.4673)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8F1A
RGB	93, 143, 26
RGB Percent	36%, 56%, 10%
CMY	0.6353, 0.4392, 0.8980
CMYK	0.35, 0.00, 0.82, 0.44
HSL	86°, 69%, 33%
HSV	86°, 82%, 56%
XYZ	14.5231, 22.0467, 4.4673
YIQ	114.7120, 7.7570, -46.9870

Conversions

Conversions Part 2

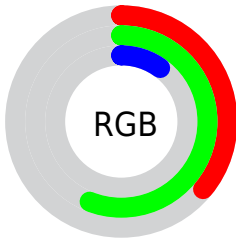
Format	Color
R_{YB}	26, 143, 76
Decimal	6131482
CIE _{Lab}	54.08, -34.75, 51.84
CIE _{LCh}	54, 62.409, 123.832
Yxy	22.0467, 0.3539, 0.5372
Android (android.graphics.Color)	4284321562 (0xFF5D8F1A)
YUV	114.7120, -43.7350, -19.0414
Hunter-Lab	46.9539, -26.9583, 27.2268

Details

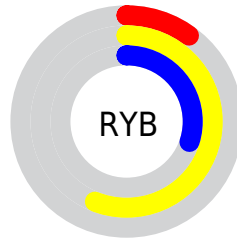
The XYZ color **14.5231, 22.0467, 4.4673** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.3090, 4.2592, 26.3721**, and the grayscale version is **16.3356, 17.1864, 18.7160**.

A 20% lighter version of the original color is **33.4841, 46.7296, 15.0395**, and **4.6638, 8.0856, 1.3149** is the 20% darker color. If you saturate the color by 10%, you get **13.8075, 21.6926, 3.7978**, and if you desaturate by 10%, it is **15.3689, 22.4601, 5.5601**.

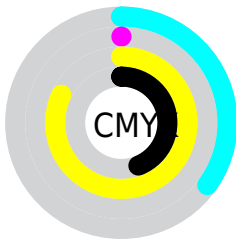
Distribution



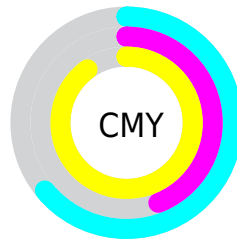
- Red (36%)
- Green (56%)
- Blue (10%)



- Red (10%)
- Yellow (56%)
- Blue (30%)



- Cyan (35%)
- Magenta (0%)
- Yellow (82%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5231, 22.0467, 4.4673 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 14.5231, 22.0467, 4.4673 by changing the saturation by 10% instead.

■ 14.5231, 22.0467,
4.4673

■ 14.5231, 22.0467,
4.4673

213.9073,
262.7901, 153.2858

■ 8.5695, 13.8912,
1.8850

■ 33.5929, 46.8232,
15.0739

■ 4.5163, 8.0450,
0.4832

■ 47.4399, 64.2129,
23.9353

■ 1.9982, 4.1238,
0.0000

■ 64.6486, 85.4496,
35.7269

■ 0.6329, 1.7430,
0.0000

■ 85.5846, 110.9176,
50.8672

■ 0.0000, 0.4513,
0.0000

■ 110.6131,
141.0012, 69.7747

■ 0.0000, 0.0000,
0.0000

■ 140.0995,

176.0849, 92.8679

174.4091,
216.5530, 120.5654

14.5231, 22.0467,
4.4673

14.5231, 22.0467,
4.4673

13.8075, 21.6926,
3.7978

15.3689, 22.4601,
5.5601

13.2926, 21.4346,
3.4367

16.3551, 22.9348,
7.1300

17.4920, 23.4757,
9.2244

18.7886, 24.0866,
11.8845

20.2529, 24.7708,
15.1475

■ 21.8924, 25.5313,
19.0474

■ 23.7139, 26.3711,
23.6156

■ 25.7240, 27.2929,
28.8815

■ 27.9288, 28.2992,
34.8726

Harmonies

Analogous

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



20.0986, 22.0467, 2.7321



14.5231, 22.0467, 4.4673



11.3254, 22.0467, 11.0536

Triad

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



14.5231, 22.0467, 4.4673



15.7328, 22.0467, 75.2605



36.7696, 22.0467, 21.6038

Complementary

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



14.5231, 22.0467, 4.4673



8.3090, 4.2592, 26.3721

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.



34.9075, 22.0467, 44.4304



14.5231, 22.0467, 4.4673



21.8349, 22.0467, 83.5354

Square

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



14.5231, 22.0467, 4.4673



11.9112, 22.0467, 51.2431



29.0501, 22.0467, 70.0595



33.7018, 22.0467, 8.6795

Rectangle

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



14.5231, 22.0467, 4.4673



10.5123, 22.0467, 20.2262



29.0501, 22.0467, 70.0595



36.7026, 22.0467, 28.2276

Sweetspot

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



14.5236, 22.0477, 4.4678



38.0761, 45.1982, 31.3787



14.0143, 10.9135, 2.3455



8.5203, 10.2669, 6.6939



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.



14.5236, 22.0477, 4.4678



23.8174, 38.3887, 6.2614



10.7285, 20.0912, 4.2902



5.6199, 6.1722, 5.7845



11.7768, 18.9638, 3.0397



0.1379, 0.1943, 0.0302

Inverse Universe

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



8.3090, 4.2592, 26.3721



12.3722, 5.4124, 46.9306



15.0407, 7.7295, 26.6872



5.3345, 5.3606, 6.7823



6.1149, 2.6459, 23.1655



0.0828, 0.0379, 0.2226

Previews

White Background



This preview shows how the XYZ color 14.5231, 22.0467, 4.4673 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 14.5231, 22.0467, 4.4673 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 14.5231, 22.0467, 4.4673

Background



This preview shows how black text looks on a background with the XYZ color 14.5231, 22.0467, 4.4673.



This preview shows how white text looks on a background with the XYZ color 14.5231, 22.0467,

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

14.5231, 22.0467, 4.4673

Protanopia

19.6721, 21.7782, 3.9258

Deuteranopia

22.1938, 21.7340, 4.7756



Tritanopia

19.6059, 21.9768, 29.5942

Trichromacy



Original Color

14.5231, 22.0467, 4.4673

Protanomaly

17.2839, 21.5477, 4.0588

Deuteranomaly

18.5737, 21.3934, 4.5893

Tritanomaly

16.8881, 21.7145, 15.6131

Monochromacy



Original Color

14.5231, 22.0467, 4.4673

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.9584, 18.4176, 10.9502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5231, 22.0467, 4.4673 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, 143, 26)` looks like.

```
.text, #text, p{  
    color:rgb(93, 143, 26)  
}
```

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, 143, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 143, 26) }
```

Border

The CSS property to change the border of an element to XYZ 14.5231, 22.0467, 4.4673 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, 143, 26) }
```


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

```
.border{ border-color:rgb(93, 143, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 143, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 143, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 143, 26);  
box-shadow:4px 4px 4px 4px rgb(93, 143,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5231, 22.0467, 4.4673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 143, 26) }
```

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

```
.background{ background-color: rgb(93, 143,  
26) }
```

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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