

Converting Colors

XYZ(9.4213, 14.2914, 2.6776)

Have a look what the booklet for
XYZ(9.4213, 14.2914, 2.6776)
contains.

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Color

**XYZ(9.4210, 14.2908,
2.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	4C750E
RGB	76, 117, 14
RGB Percent	30%, 46%, 5%
CMY	0.7020, 0.5412, 0.9451
CMYK	0.35, 0.00, 0.88, 0.54
HSL	84°, 79%, 26%
HSV	84°, 88%, 46%
XYZ	9.4210, 14.2908, 2.6773
YIQ	92.9990, 8.6270, -40.7250

Conversions

Conversions Part 2

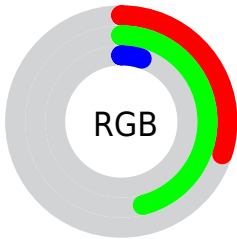
Format	Color
RYB	14, 117, 55
Decimal	5010702
CIELab	44.65, -30.01, 46.41
CIELCh	45, 55.266, 122.893
Yxy	14.2908, 0.3570, 0.5415
Android (android.graphics.Color)	4283200782 (0xFF4C750E)
YUV	92.9990, -38.9465, -14.9081
Hunter-Lab	37.8032, -21.6712, 22.2632

Details

The XYZ color **9.4210, 14.2908, 2.6773** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.9442, 2.4111, 17.0353**, and the grayscale version is **10.4913, 11.0377, 12.0200**.

A 20% lighter version of the original color is **24.3154, 33.4727, 10.8096**, and **2.4438, 4.3284, 0.7067** is the 20% darker color. If you saturate the color by 10%, you get **8.9979, 14.0808, 2.3098**, and if you desaturate by 10%, it is **9.9088, 14.5307, 3.2426**.

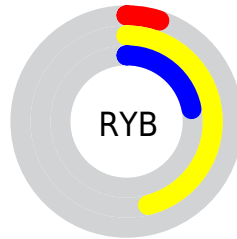
Distribution



Red (30%)

Green (46%)

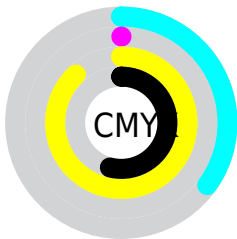
Blue (5%)



Red (5%)

Yellow (46%)

Blue (22%)

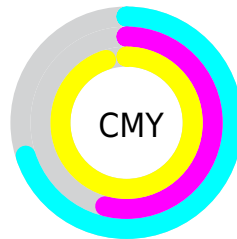


Cyan (35%)

Magenta (0%)

Yellow (88%)

Black (54%)



Cyan (70%)

Magenta (54%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.4210, 14.2908, 2.6773 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 9.4210, 14.2908, 2.6773 by changing the saturation by 10% instead.

■ 9.4210, 14.2908,
2.6773

■ 9.4210, 14.2908,
2.6773

180.6296,
219.0325, 132.1381

■ 5.0761, 8.3232,
0.9320

■ 24.3603, 33.6041,
10.8212

■ 2.3272, 4.3024,
0.0000

■ 35.6854, 47.7186,
18.0572

■ 0.8085, 1.8441,
0.0000

■ 50.0679, 65.3176,
27.9606

■ 0.0000, 0.5145,
0.0000


■ 67.8732, 86.7853,
40.9500


■ 0.0000, 0.0000,
0.0000


■ 89.4667, 112.5063,
57.4439


■ 115.2137,


142.8649, 77.8609


 145.4795,
178.2455, 102.6194


 9.4210, 14.2908,
2.6773


 9.4210, 14.2908,
2.6773


 8.9979, 14.0808,
2.3098


 9.9088, 14.5307,
3.2426

 8.9181, 14.0411,
2.2402

 10.4769, 14.8054,
4.0894

 11.1320, 15.1182,
5.2488

 11.8798, 15.4713,
6.7477

 12.7251, 15.8667,
8.6098

■ 13.6727, 16.3065,
10.8569

■ 14.7268, 16.7923,
13.5089

■ 15.8914, 17.3258,
16.5847

■ 17.1703, 17.9085,
20.1015

Harmonies

Analogous

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



13.1527, 14.2908, 1.6376



9.4210, 14.2908, 2.6773



7.2669, 14.2908, 6.8083

Triad

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



9.4210, 14.2908, 2.6773



10.0236, 14.2908, 49.4764



24.1315, 14.2908, 14.3478

Complementary

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



9.4210, 14.2908, 2.6773



4.9442, 2.4111, 17.0353

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.



22.7854, 14.2908, 29.7270



9.4210, 14.2908, 2.6773



14.0225, 14.2908, 55.4973

Square

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



9.4210, 14.2908, 2.6773



7.5573, 14.2908, 33.1734



18.8193, 14.2908, 46.8320



22.1770, 14.2908, 5.6392

Rectangle

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



9.4210, 14.2908, 2.6773



6.7022, 14.2908, 12.7031



18.8193, 14.2908, 46.8320



24.0506, 14.2908, 18.8166

Sweetspot

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



9.4213, 14.2914, 2.6776



24.7276, 29.3119, 20.0423



8.7112, 6.4047, 1.1927



5.5755, 6.6885, 4.3394



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



9.4213, 14.2914, 2.6776



15.8139, 25.0624, 4.0041



6.8675, 12.9749, 2.5581



3.8323, 4.1970, 3.9504



9.8076, 15.4604, 2.4672



46.8085, 74.8324, 11.9770

Inverse Universe

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



4.9442, 2.4111, 17.0353



7.6687, 3.2892, 30.3677



9.1923, 4.6011, 17.2341



3.6258, 3.6544, 4.6045



4.7912, 2.0613, 18.6879



22.4385, 9.5760, 91.0260

Previews

White Background



This preview shows how the XYZ color 9.4210, 14.2908, 2.6773 looks on a white background.

Color Contrast Check

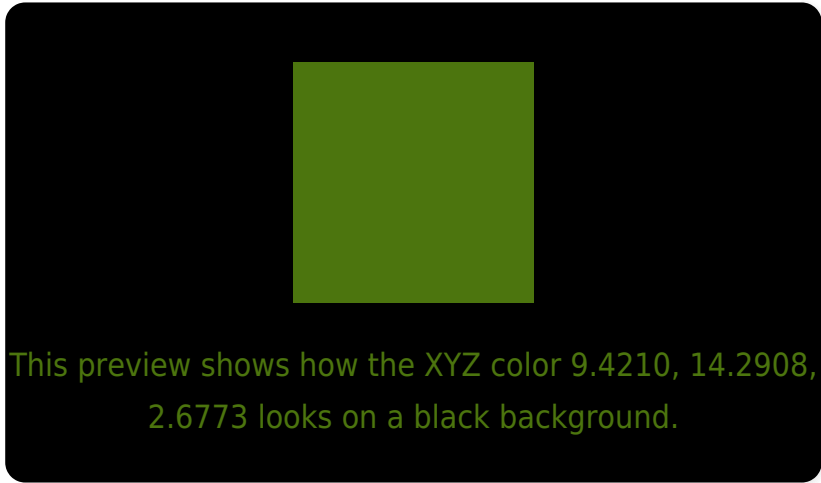
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 9.4210, 14.2908, 2.6773

Background



This preview shows how black text looks on a background with the XYZ color 9.4210, 14.2908, 2.6773.



This preview shows how white text looks on a background with the XYZ color 9.4210, 14.2908,

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

9.4210, 14.2908, 2.6773

Protanopia

12.8166, 14.2519, 2.3626

Deuteranopia

14.2593, 14.0945, 2.9462



Tritanopia

12.7632, 14.3200, 19.2309

Trichromacy



Original Color

9.4210, 14.2908, 2.6773

Protanomaly

11.2299, 14.0596, 2.4385

Deuteranomaly

11.9809, 13.8107, 2.7933

Tritanomaly

10.8983, 14.0523, 9.7274

Monochromacy



Original Color

9.4210, 14.2908, 2.6773

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.6073, 11.8991, 6.6409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.4210, 14.2908, 2.6773 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(76, 117, 14)` looks like.

```
.text, #text, p{  
    color:rgb(76, 117, 14)  
}
```

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(76, 117, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 117, 14) }
```

Border

The CSS property to change the border of an element to XYZ 9.4210, 14.2908, 2.6773 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(76, 117, 14) }
```


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

```
.border{ border-color:rgb(76, 117, 14) }
```

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

Here you see how a box with a 4 pixel rgb(76, 117, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 117, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 117, 14);  
box-shadow:4px 4px 4px 4px rgb(76, 117,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 9.4210, 14.2908, 2.6773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 117, 14) }
```

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

```
.background{ background-color: rgb(76, 117,  
14) }
```

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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