

Converting Colors

XYZ(13.6288, 24.2248, 6.5758)

Have a look what the booklet for
XYZ(13.6288, 24.2248, 6.5758)
contains.

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Color

**XYZ(13.5701, 24.0927,
6.5199)**

Conversions

Conversions Part 1

Format	Color
Hex	369A2E
RGB	54, 154, 46
RGB Percent	21%, 60%, 18%
CMY	0.7882, 0.3961, 0.8196
CMYK	0.65, 0.00, 0.70, 0.40
HSL	116°, 54%, 39%
HSV	116°, 70%, 60%
XYZ	13.5701, 24.0927, 6.5199
YIQ	111.7880, -24.9320, -54.7880

Conversions

Conversions Part 2

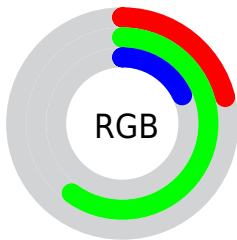
Format	Color
R_{YB}	46, 154, 146
Decimal	3578414
CIE _{Lab}	56.18, -49.80, 46.20
CIE _{LCh}	56, 67.929, 137.142
Yxy	24.0927, 0.3071, 0.5453
Android (android.graphics.Color)	4281768494 (0xFF369A2E)
YUV	111.7880, -32.4335, -50.6801
Hunter-Lab	49.0843, -36.5485, 26.4835

Details

The XYZ color **13.5701, 24.0927, 6.5199** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **18.6650, 10.3989, 31.5965**, and the grayscale version is **15.4368, 16.2408, 17.6862**.

A 20% lighter version of the original color is **31.8151, 49.9935, 19.5282**, and **4.7514, 9.5027, 1.5838** is the 20% darker color. If you saturate the color by 10%, you get **12.6632, 23.6549, 5.1675**, and if you desaturate by 10%, it is **14.8114, 24.6918, 8.4575**.

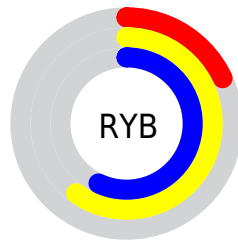
Distribution



Red (21%)

Green (60%)

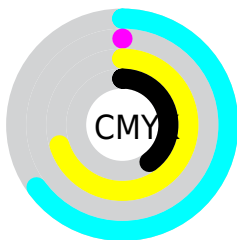
Blue (18%)



Red (18%)

Yellow (60%)

Blue (57%)

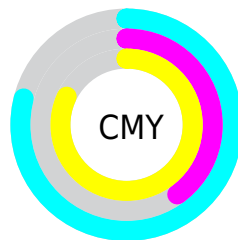


Cyan (65%)

Magenta (0%)

Yellow (70%)

Black (40%)



Cyan (79%)


Magenta (40%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.5701, 24.0927, 6.5199 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 13.5701, 24.0927, 6.5199 by changing the saturation by 10% instead.


 13.5701, 24.0927,
6.5199


 13.5701, 24.0927,
6.5199


208.1043,
273.2888, 173.0893


 7.9020, 15.4024,
3.0899

 31.9169, 50.1814,
19.4968


 4.0836, 9.1023,
1.1407


 45.3264, 68.3487,
29.8807

 1.7495, 4.8080,
0.0000

 62.0469, 90.4436,
43.4197

 0.4870, 2.1350,
0.0000

 82.4440, 116.8508,
60.5323

 0.0000, 0.6842,
0.0000

 106.8829,
147.9545, 81.6370

 0.0000, 0.0000,
0.0000

 135.7290,

184.1391, 107.1524

169.3477,
225.7891, 137.4970

■ 13.5701, 24.0927,
6.5199

■ 13.5701, 24.0927,
6.5199

■ 12.6632, 23.6549,
5.1675

■ 14.8114, 24.6918,
8.4575

■ 12.0566, 23.3600,
4.3331

■ 16.4139, 25.4625,
11.0346

■ 11.6995, 23.1861,
3.8587

■ 18.4032, 26.4178,
14.3013

■ 20.8025, 27.5686,
18.3022

■ 23.6329, 28.9249,
23.0780

■ 26.9142, 30.4962,
28.6667

■ 30.6648, 32.2911,
35.1036

■ 34.9023, 34.3180,
42.4220

■ 39.6432, 36.5848,
50.6533

Harmonies

Analogous

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



18.7568, 24.0927, 2.8724



13.5701, 24.0927, 6.5199



11.1680, 24.0927, 17.7878

Triad

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



13.5701, 24.0927, 6.5199



19.7212, 24.0927, 94.3524



40.4307, 24.0927, 15.4992

Complementary

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



13.5701, 24.0927, 6.5199



18.6650, 10.3989, 31.5965

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.



40.8562, 24.0927, 37.0001



13.5701, 24.0927, 6.5199



27.6110, 24.0927, 92.4144

Square

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



13.5701, 24.0927, 6.5199



14.1373, 24.0927, 72.0025



35.7483, 24.0927, 67.6415



34.6917, 24.0927, 5.6627

Rectangle

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



13.5701, 24.0927, 6.5199



11.0079, 24.0927, 31.9447



35.7483, 24.0927, 67.6415



41.2394, 24.0927, 21.2460

Sweetspot

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



13.5707, 24.0937, 6.5204



42.2193, 52.2022, 40.7180



23.9460, 27.3192, 6.5962



9.2471, 11.6677, 8.6937



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



13.5707, 24.0937, 6.5204



22.3274, 42.6415, 8.4369



14.5714, 24.4484, 13.8493



6.1724, 6.9464, 6.6213



9.5447, 18.8963, 3.1443



0.1526, 0.2876, 0.0475

Inverse Universe

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



18.6650, 10.3989, 31.5965



32.0845, 16.0922, 56.9514



17.0646, 9.9288, 15.4859



6.4161, 6.3004, 7.8069



13.9371, 6.6359, 25.4540



0.2200, 0.1052, 0.3811

Previews

White Background



This preview shows how the XYZ color 13.5701, 24.0927, 6.5199 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 13.5701, 24.0927, 6.5199 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 13.5701, 24.0927, 6.5199

Background



This preview shows how black text looks on a background with the XYZ color 13.5701, 24.0927, 6.5199.



This preview shows how white text looks on a background with the XYZ color 13.5701, 24.0927,

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

13.5701, 24.0927, 6.5199

Protanopia

21.5030, 23.6943, 5.5380

Deuteranopia

24.0291, 23.5713, 7.0246



Tritanopia

19.1979, 24.0185, 34.6346

Trichromacy



Original Color

13.5701, 24.0927, 6.5199



Protanomaly

17.0312, 22.8690, 5.8020



Deuteranomaly

18.0229, 22.4992, 6.6417



Tritanomaly

16.2829, 23.7572, 19.9471

Monochromacy



Original Color

13.5701, 24.0927, 6.5199



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

13.6652, 18.1075, 12.0074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5701, 24.0927, 6.5199 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(54, 154, 46)` looks like.

```
.text, #text, p{  
    color:rgb(54, 154, 46)  
}
```

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(54, 154, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 154, 46) }
```

Border

The CSS property to change the border of an element to XYZ 13.5701, 24.0927, 6.5199 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(54, 154, 46) }
```


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

```
.border{ border-color:rgb(54, 154, 46) }
```

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

Here you see how a box with a 4 pixel rgb(54, 154, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 154, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 154, 46);  
box-shadow:4px 4px 4px 4px rgb(54, 154,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5701, 24.0927, 6.5199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 154, 46) }
```

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

```
.background{ background-color: rgb(54, 154,  
46) }
```

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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