

Converting Colors

XYZ(10.1861, 14.7296, 3.1409)

Have a look what the booklet for
XYZ(10.1861, 14.7296, 3.1409)
contains.

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Color

**XYZ(10.1721, 14.6693,
3.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	547517
RGB	84, 117, 23
RGB Percent	33%, 46%, 9%
CMY	0.6706, 0.5412, 0.9098
CMYK	0.28, 0.00, 0.80, 0.54
HSL	81°, 67%, 27%
HSV	81°, 80%, 46%
XYZ	10.1721, 14.6693, 3.1059
YIQ	96.4170, 10.5060, -36.2300

Conversions

Conversions Part 2

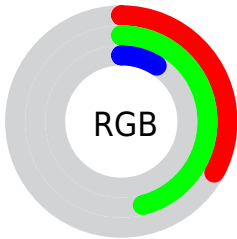
Format	Color
R_YB	23, 117, 56
Decimal	5534999
CIE Lab	45.18, -26.31, 44.37
CIE LCh	45, 51.583, 120.665
Yxy	14.6693, 0.3640, 0.5249
Android (android.graphics.Color)	4283725079 (0xFF547517)
YUV	96.4170, -36.1946, -10.8897
Hunter-Lab	38.3005, -19.6187, 22.0024

Details

The XYZ color **10.1721, 14.6693, 3.1059** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5.1488, 2.7383, 17.0877**, and the grayscale version is **11.3038, 11.8924, 12.9509**.

A 20% lighter version of the original color is **25.7745, 34.2023, 11.8999**, and **2.7268, 4.4743, 0.7199** is the 20% darker color. If you saturate the color by 10%, you get **9.7229, 14.4489, 2.6023**, and if you desaturate by 10%, it is **10.6953, 14.9228, 3.8838**.

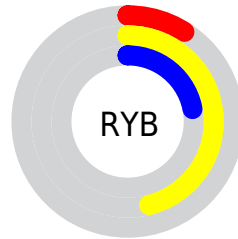
Distribution



Red (33%)

Green (46%)

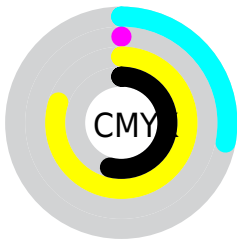
Blue (9%)



Red (9%)

Yellow (46%)

Blue (22%)

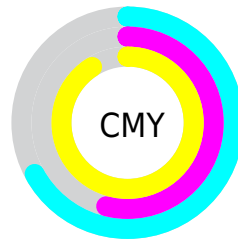


Cyan (28%)

Magenta (0%)

Yellow (80%)

Black (54%)



Cyan (67%)

Magenta (54%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1721, 14.6693, 3.1059 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 10.1721, 14.6693, 3.1059 by changing the saturation by 10% instead.

■ 10.1721, 14.6693,
3.1059

■ 10.1721, 14.6693,
3.1059

185.9241,
221.3558, 137.6982

■ 5.5764, 8.5876,
1.1490

■ 25.7655, 34.2720,
11.8887

■ 2.6274, 4.4732,
0.0000

■ 37.4938, 48.5618,
19.5515

■ 0.9600, 1.9416,
0.0000

■ 52.3303, 66.3564,
29.9535

■ 0.0000, 0.5732,
0.0000

■ 70.6405, 88.0402,
43.5131

■ 0.0000, 0.0000,
0.0000

■ 92.7896, 113.9977,
60.6488

■ 119.1429,

144.6132, 81.7792

150.0660,
180.2711, 107.3228

10.1721, 14.6693,
3.1059

10.1721, 14.6693,
3.1059

9.7229, 14.4489,
2.6023

10.6953, 14.9228,
3.8838

9.3360, 14.2566,
2.2597

11.2980, 15.2102,
4.9671

11.9860, 15.5342,
6.3835

12.7643, 15.8970,
8.1577

13.6376, 16.3004,
10.3117

■ 14.6099, 16.7461,
12.8659

■ 15.6852, 17.2358,
15.8392

■ 16.8672, 17.7708,
19.2494

■ 18.1592, 18.3527,
23.1131

Harmonies

Analogous

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



13.8479, 14.6693, 2.1312



10.1721, 14.6693, 3.1059



7.9569, 14.6693, 7.0230

Triad

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



10.1721, 14.6693, 3.1059



10.3061, 14.6693, 46.3479



23.8291, 14.6693, 15.7018

Complementary

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



10.1721, 14.6693, 3.1059



5.1488, 2.7383, 17.0877

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.



22.3614, 14.6693, 30.4228



10.1721, 14.6693, 3.1059



14.0380, 14.6693, 52.7301

Square

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



10.1721, 14.6693, 3.1059



8.0225, 14.6693, 31.1527



18.5461, 14.6693, 45.7966



22.2314, 14.6693, 6.7540

Rectangle

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



10.1721, 14.6693, 3.1059



7.3270, 14.6693, 12.4650



18.5461, 14.6693, 45.7966



23.6754, 14.6693, 20.0828

Sweetspot

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



10.1724, 14.6699, 3.1062



25.3933, 29.6347, 20.9902



8.9007, 6.6629, 1.6277



5.7261, 6.7620, 4.5323



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.



10.1724, 14.6699, 3.1062



16.8399, 25.5875, 4.2271



7.2830, 13.1804, 2.9710



3.8478, 4.2050, 3.9511



10.2687, 15.6981, 2.4888



49.0873, 76.0072, 12.0837

Inverse Universe

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



5.1488, 2.7383, 17.0877



7.5431, 3.3230, 30.3808



9.0999, 4.7752, 17.2726



3.6107, 3.6466, 4.6038



4.5329, 1.9281, 18.6758



21.2396, 8.9579, 90.9699

Previews

White Background



This preview shows how the XYZ color 10.1721, 14.6693, 3.1059 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



This preview shows how the XYZ color 10.1721, 14.6693, 3.1059 looks on a 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 10.1721, 14.6693, 3.1059

Background



This preview shows how black text looks on a background with the XYZ color 10.1721, 14.6693, 3.1059.



This preview shows how white text looks on a background with the XYZ color 10.1721, 14.6693,

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

10.1721, 14.6693, 3.1059

Protanopia

13.1297, 14.5590, 2.7800

Deuteranopia

14.7325, 14.4746, 3.3137



Tritanopia

13.4580, 14.6782, 19.2634

Trichromacy



Original Color

10.1721, 14.6693, 3.1059

Protanomaly

11.8832, 14.5488, 2.8914

Deuteranomaly

12.6698, 14.3122, 3.1934

Tritanomaly

11.6699, 14.4370, 10.3552

Monochromacy



Original Color

10.1721, 14.6693, 3.1059

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.4381, 12.6056, 7.5132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1721, 14.6693, 3.1059 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(84, 117, 23)` looks like.

```
.text, #text, p{  
    color:rgb(84, 117, 23)  
}
```

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(84, 117, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 117, 23) }
```

Border

The CSS property to change the border of an element to XYZ 10.1721, 14.6693, 3.1059 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(84, 117, 23) }
```


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

```
.border{ border-color:rgb(84, 117, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 117, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 117, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 117, 23);  
box-shadow:4px 4px 4px 4px rgb(84, 117,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1721, 14.6693, 3.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 117, 23) }
```

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

```
.background{ background-color: rgb(84, 117,  
23) }
```

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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