

Converting Colors

XYZ(23.3360, 30.5691, 15.3677)

Have a look what the booklet for
XYZ(23.3360, 30.5691, 15.3677)
contains.

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Color

**XYZ(23.1954, 30.3854,
15.2321)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA05E
RGB	126, 160, 94
RGB Percent	49%, 63%, 37%
CMY	0.5059, 0.3725, 0.6314
CMYK	0.21, 0.00, 0.41, 0.37
HSL	91°, 26%, 50%
HSV	91°, 41%, 63%
XYZ	23.1954, 30.3854, 15.2321
YIQ	142.3100, 0.9220, -27.7340

Conversions

Conversions Part 2

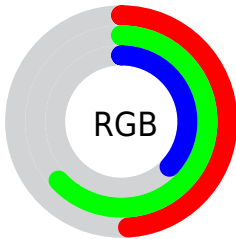
Format	Color
RYB	94, 160, 128
Decimal	8298590
CIELab	61.99, -23.69, 30.63
CIElCh	62, 38.723, 127.711
Yxy	30.3854, 0.3371, 0.4416
Android (android.graphics.Color)	4286488670 (0xFF7EA05E)
YUV	142.3100, -23.8168, -14.3039
Hunter-Lab	55.1230, -21.3535, 22.2025

Details

The XYZ color **23.1954, 30.3854, 15.2321** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.2512, 15.1335, 35.1658**, and the grayscale version is **25.9259, 27.2761, 29.7036**.

A 20% lighter version of the original color is **48.2337, 60.3485, 35.8943**, and **8.7574, 12.4182, 4.5202** is the 20% darker color. If you saturate the color by 10%, you get **21.3849, 29.5275, 11.7803**, and if you desaturate by 10%, it is **25.2564, 31.3571, 19.4738**.

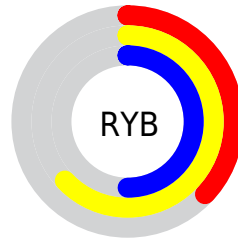
Distribution



Red (49%)

Green (63%)

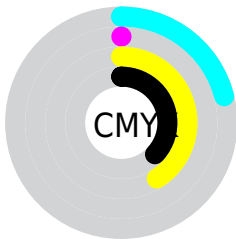
Blue (37%)



Red (37%)

Yellow (63%)

Blue (50%)

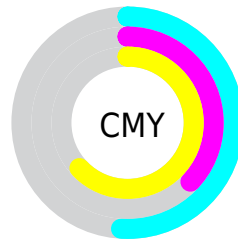


Cyan (21%)

Magenta (0%)

Yellow (41%)

Black (37%)



Cyan (51%)

Magenta (37%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1954, 30.3854, 15.2321 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 23.1954, 30.3854, 15.2321 by changing the saturation by 10% instead.

■ 23.1954, 30.3854,
15.2321

■ 23.1954, 30.3854,
15.2321

261.2437,
303.6968, 236.4558

■ 14.8593, 20.1313,
8.8340

■ 48.1783, 60.2711,
36.0079

■ 8.8064, 12.4905,
4.5377

■ 65.5558, 80.6716,
51.2227

■ 4.6712, 7.0787,
1.9247

■ 86.6779, 105.2229,
70.2134

■ 2.0884, 3.5113,
0.5084

■ 111.9098,
134.3095, 93.3987

■ 0.6829, 1.4042,
0.0000

141.6170,
168.3158, 121.1970

■ 0.0000, 0.2198,
0.0000

176.1648,

■ 0.0000, 0.0000,

207.6262, 154.0270

0.0000

215.9186,
252.6250, 192.3070

■ 23.1954, 30.3854,
15.2321

■ 23.1954, 30.3854,
15.2321

■ 21.3849, 29.5275,
11.7803

■ 25.2564, 31.3571,
19.4738

■ 19.8111, 28.7746,
9.0675

■ 27.5765, 32.4432,
24.5483

■ 18.4618, 28.1225,
7.0400


■ 30.1666, 33.6495,
30.4974


■ 17.3228, 27.5652,
5.6359


■ 33.0360, 34.9798,
37.3598


■ 16.3775, 27.0958,
4.7823

■ 36.1939, 36.4381,
45.1719

 15.6784, 26.7446,
4.3359

 39.6486, 38.0280,
53.9679

 43.4085, 39.7530,
63.7805

 47.4814, 41.6165,
74.6408

 51.8747, 43.6216,
86.5786

Harmonies

Analogous

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



27.5618, 30.3854, 12.0735



23.1954, 30.3854, 15.2321



20.5947, 30.3854, 23.3843

Triad

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



23.1954, 30.3854, 15.2321



25.2579, 30.3854, 67.2071



39.9430, 30.3854, 29.3954

Complementary

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



23.1954, 30.3854, 15.2321



19.2512, 15.1335, 35.1658

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.



39.1349, 30.3854, 45.1532



23.1954, 30.3854, 15.2321



30.2405, 30.3854, 70.2633

Square

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



23.1954, 30.3854, 15.2321



21.6823, 30.3854, 53.8300



35.4258, 30.3854, 61.2410



37.5177, 30.3854, 18.4992

Rectangle

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



23.1954, 30.3854, 15.2321



20.0114, 30.3854, 31.9561



35.4258, 30.3854, 61.2410



40.0453, 30.3854, 34.2393

Sweetspot

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



23.1962, 30.3867, 15.2328



54.2875, 60.8700, 54.2396



24.1081, 23.4616, 13.8480



11.7784, 13.2903, 11.5980



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.1962, 30.3867, 15.2328



38.9149, 53.6528, 21.5486



19.2082, 28.3308, 15.0461



6.8415, 7.5509, 7.0826



12.2632, 20.8586, 3.3798



0.2679, 0.3981, 0.0627

Inverse Universe

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



19.2512, 15.1335, 35.1658



30.7087, 21.9311, 63.0011



24.8463, 18.0179, 35.4276



6.5943, 6.5948, 8.3321



7.7337, 3.4159, 26.1590



0.1870, 0.0862, 0.4700

Previews

White Background



This preview shows how the XYZ color 23.1954, 30.3854, 15.2321 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.1954, 30.3854, 15.2321 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1954, 30.3854, 15.2321

Background



This preview shows how black text looks on a background with the XYZ color 23.1954, 30.3854, 15.2321.



This preview shows how white text looks on a background with the XYZ color 23.1954, 30.3854,

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

23.1954, 30.3854, 15.2321

Protanopia

27.6972, 30.0196, 14.0074

Deuteranopia

30.6175, 30.1105, 15.7535



Tritanopia

28.0824, 30.3710, 39.5041

Trichromacy



Original Color

23.1954, 30.3854, 15.2321

Protanomaly

25.8572, 30.0218, 14.3295

Deuteranomaly

27.4023, 29.8315, 15.6231

Tritanomaly

25.8973, 30.2123, 28.8927

Monochromacy



Original Color

23.1954, 30.3854, 15.2321

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.6025, 28.2098, 23.5504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1954, 30.3854, 15.2321 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(126, 160, 94)` looks like.

```
.text, #text, p{  
    color:rgb(126, 160, 94)  
}
```

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(126, 160, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 160, 94) }
```

Border

The CSS property to change the border of an element to XYZ 23.1954, 30.3854, 15.2321 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(126, 160, 94) }
```


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

```
.border{ border-color:rgb(126, 160, 94) }
```

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

Here you see how a box with a 4 pixel rgb(126, 160, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 160, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 160, 94);  
box-shadow:4px 4px 4px 4px rgb(126, 160,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1954, 30.3854, 15.2321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 160, 94) }
```

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

```
.background{ background-color: rgb(126,  
160, 94) }
```

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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