

Converting Colors

XYZ(26.1472, 30.5759, 7.1145)

Have a look what the booklet for
XYZ(26.1472, 30.5759, 7.1145)
contains.

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Color

**XYZ(26.1493, 30.5776,
7.1086)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9A2E
RGB	158, 154, 46
RGB Percent	62%, 60%, 18%
CMY	0.3804, 0.3961, 0.8196
CMYK	0.00, 0.03, 0.71, 0.38
HSL	58°, 55%, 40%
HSV	58°, 71%, 62%
XYZ	26.1493, 30.5776, 7.1086
YIQ	142.8840, 37.0520, -32.7400

Conversions

Conversions Part 2

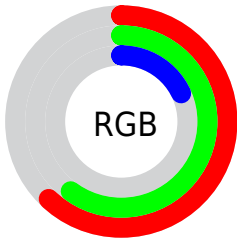
Format	Color
RYB	50, 158, 46
Decimal	10394158
CIELab	62.15, -11.66, 54.21
CIELCh	62, 55.447, 102.135
Yxy	30.5776, 0.4096, 0.4790
Android (android.graphics.Color)	4288584238 (0xFF9E9A2E)
YUV	142.8840, -47.7638, 13.2567
Hunter-Lab	55.2970, -12.3593, 31.0860

Details

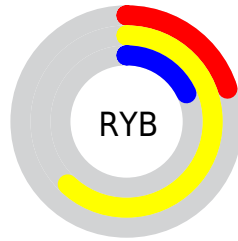
The XYZ color **26.1493, 30.5776, 7.1086** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.4389, 5.3306, 32.9316**, and the grayscale version is **26.2371, 27.6035, 30.0602**.

A 20% lighter version of the original color is **52.8323, 60.4597, 20.6897**, and **10.4438, 12.5841, 1.8785** is the 20% darker color. If you saturate the color by 10%, you get **25.8009, 30.2909, 5.7288**, and if you desaturate by 10%, it is **26.6142, 30.9139, 9.0935**.

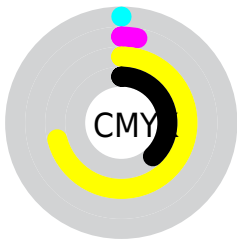
Distribution



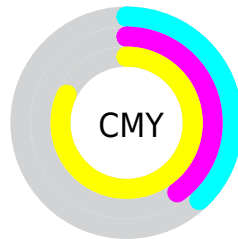
- Red (62%)
- Green (60%)
- Blue (18%)



- Red (20%)
- Yellow (62%)
- Blue (18%)



- Cyan (0%)
- Magenta (3%)
- Yellow (71%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1493, 30.5776, 7.1086 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 26.1493, 30.5776, 7.1086 by changing the saturation by 10% instead.

■ 26.1493, 30.5776,
7.1086

■ 26.1493, 30.5776,
7.1086

275.7575,
304.5876, 178.2281

■ 17.0686, 20.2774,
3.4506

■ 52.9453, 60.5744,
20.7079

■ 10.3790, 12.5969,
1.3291

■ 71.3913, 81.0399,
31.4864

■ 5.7152, 7.1515,
0.0854

■ 93.6899, 105.6625,
45.4754

■ 2.7117, 3.5571,
0.0000

■ 120.2063,
134.8267, 63.0936

■ 1.0032, 1.4290,
0.0000

■ 151.3059,
168.9170, 84.7594

■ 0.0000, 0.2380,
0.0000

■ 187.3540,

■ 0.0000, 0.0000,

208.3176, 110.8913

0.0000

228.7161,
253.4130, 141.9081

■ 26.1493, 30.5776,
7.1086

■ 26.1493, 30.5776,
7.1086

■ 25.8009, 30.2909,
5.7288

■ 26.6142, 30.9139,
9.0935

■ 25.5536, 30.0442,
4.8823

■ 27.2047, 31.3000,
11.7411

■ 25.3878, 29.8437,
4.4223

■ 27.9315, 31.7413,
15.1044

■ 28.8037, 32.2415,
19.2306

■ 29.8293, 32.8037,
24.1627

■ 31.0159, 33.4311,
29.9407

■ 32.3707, 34.1264,
36.6019

■ 33.9002, 34.8923,
44.1812

■ 35.6108, 35.7314,
52.7118

Harmonies

Analogous

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



33.6918, 30.5776, 7.4953



26.1493, 30.5776, 7.1086



20.4589, 30.5776, 11.1691

Triad

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



26.1493, 30.5776, 7.1086



19.6666, 30.5776, 69.1816



44.9745, 30.5776, 47.5615

Complementary

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



26.1493, 30.5776, 7.1086



8.4389, 5.3306, 32.9316

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.



39.7937, 30.5776, 74.0210



26.1493, 30.5776, 7.1086



24.8790, 30.5776, 89.7366

Square

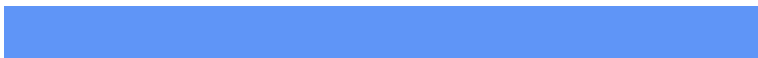
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.1493, 30.5776, 7.1086



17.1689, 30.5776, 42.7032



32.1857, 30.5776, 91.8118



45.4731, 30.5776, 25.3793

Rectangle

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



26.1493, 30.5776, 7.1086



18.1322, 30.5776, 17.5412



32.1857, 30.5776, 91.8118



43.6865, 30.5776, 56.4361

Sweetspot

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



26.1500, 30.5790, 7.1092



54.0651, 59.5152, 43.3704



15.6885, 9.4677, 4.2027



12.0749, 13.3559, 9.2270



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.



26.1500, 30.5790, 7.1092



46.5746, 54.7413, 9.4065



18.8559, 27.8140, 6.9600



7.1499, 7.6798, 7.0912



20.3395, 23.9146, 3.5440



0.3693, 0.4388, 0.0652

Inverse Universe

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



8.4389, 5.3306, 32.9316



12.4413, 6.1125, 59.2675



12.0149, 6.9315, 33.0522



6.3028, 6.4713, 8.3236



4.9981, 2.0877, 26.0468



0.0943, 0.0472, 0.4674

Previews

White Background



This preview shows how the XYZ color 26.1493, 30.5776, 7.1086 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 26.1493, 30.5776, 7.1086 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 26.1493, 30.5776, 7.1086

Background



This preview shows how black text looks on a background with the XYZ color 26.1493, 30.5776, 7.1086.



This preview shows how white text looks on a background with the XYZ color 26.1493, 30.5776,

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

26.1493, 30.5776, 7.1086

Protanopia

27.5284, 30.3270, 6.8854

Deuteranopia

31.1372, 30.5666, 7.2764



Tritanopia

31.8260, 30.5286, 35.2255

Trichromacy



Original Color

26.1493, 30.5776, 7.1086

Protanomaly

26.8501, 30.2152, 6.8996

Deuteranomaly

29.1196, 30.4363, 7.2458

Tritanomaly

28.9943, 30.3101, 20.5419

Monochromacy



Original Color

26.1493, 30.5776, 7.1086

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.3532, 28.2460, 18.3031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1493, 30.5776, 7.1086 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(158, 154, 46)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 154, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 154, 46) }
```

Border

The CSS property to change the border of an element to XYZ 26.1493, 30.5776, 7.1086 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(158, 154, 46) }
```


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

```
.border{ border-color:rgb(158, 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(158, 154, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 154, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 154, 46);  
box-shadow:4px 4px 4px 4px rgb(158, 154,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1493, 30.5776, 7.1086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 154, 46) }
```

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

```
.background{ background-color: rgb(158,  
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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