

Converting Colors

XYZ(23.0913, 28.0490, 6.2954)

Have a look what the booklet for
XYZ(23.0913, 28.0490, 6.2954)
contains.

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Color

**XYZ(23.1606, 28.0838,
6.2978)**

Conversions

Conversions Part 1

Format	Color
Hex	929629
RGB	146, 150, 41
RGB Percent	57%, 59%, 16%
CMY	0.4275, 0.4117, 0.8392
CMYK	0.03, 0.00, 0.73, 0.41
HSL	62°, 57%, 37%
HSV	62°, 73%, 59%
XYZ	23.1606, 28.0838, 6.2978
YIQ	136.3780, 32.6050, -34.7470

Conversions

Conversions Part 2

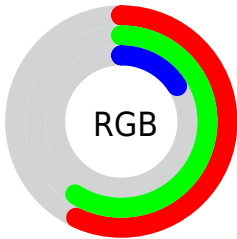
Format	Color
R_{YB}	41, 150, 45
Decimal	9606697
CIE _{Lab}	59.96, -15.13, 53.63
CIE _{LCh}	60, 55.721, 105.757
Yxy	28.0838, 0.4025, 0.4881
Android (android.graphics.Color)	4287796777 (0xFF929629)
YUV	136.3780, -47.0214, 8.4385
Hunter-Lab	52.9942, -14.7280, 30.0499

Details

The XYZ color **23.1606, 28.0838, 6.2978** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.3810, 4.3463, 29.3059**, and the grayscale version is **23.7068, 24.9414, 27.1612**.

A 20% lighter version of the original color is **48.2418, 56.6904, 18.9894**, and **8.8755, 11.1990, 1.6938** is the 20% darker color. If you saturate the color by 10%, you get **22.8497, 27.9492, 5.1679**, and if you desaturate by 10%, it is **23.5731, 28.2612, 7.9544**.

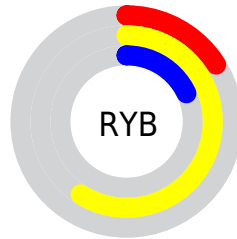
Distribution



Red (57%)

Green (59%)

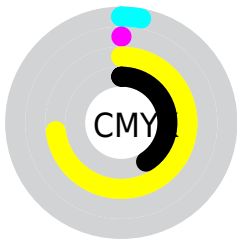
Blue (16%)



Red (16%)

Yellow (59%)

Blue (18%)

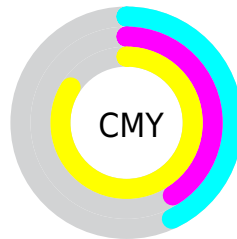


Cyan (3%)

Magenta (0%)

Yellow (73%)

Black (41%)



Cyan (43%)


Magenta (41%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1606, 28.0838, 6.2978 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 23.1606, 28.0838, 6.2978 by changing the saturation by 10% instead.


 23.1606, 28.0838,
6.2978


 23.1606, 28.0838,
6.2978


261.0688,
292.8671, 171.0976


 14.8335, 18.3888,
2.9553


 48.1216, 56.6182,
19.0342


 8.7882, 11.2295,
1.0719


 65.4862, 76.2264,
29.2651


 4.6593, 6.2214,
0.0000

 86.5940, 99.9079,
42.6293

 2.0814, 2.9802,
0.0000

 111.8104,
128.0469, 59.5453

 0.6791, 1.1214,
0.0000

 141.5007,
161.0280, 80.4315

 0.0000, 0.0000,
0.0000

 176.0303,

199.2354, 105.7066

215.7645,
243.0537, 135.7891

■ 23.1606, 28.0838,
6.2978

■ 23.1606, 28.0838,
6.2978

■ 22.8497, 27.9492,
5.1679

■ 23.5731, 28.2612,
7.9544

■ 22.6263, 27.8486,
4.4995

■ 24.0953, 28.4815,
10.1895

■ 22.4949, 27.7878,
4.1780

■ 24.7369, 28.7496,
13.0506

■ 25.5059, 29.0687,
16.5798

■ 26.4095, 29.4417,
20.8156

■ 27.4546, 29.8713,
25.7936

■ 28.6473, 30.3601,
31.5470

■ 29.9937, 30.9104,
38.1069

■ 31.4993, 31.5244,
45.5027

Harmonies

Analogous

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



30.1879, 28.0838, 6.2052



23.1606, 28.0838, 6.2978



18.0722, 28.0838, 10.6317

Triad

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



23.1606, 28.0838, 6.2978



18.2692, 28.0838, 67.9241



42.1996, 28.0838, 41.2208

Complementary

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



23.1606, 28.0838, 6.2978



7.3810, 4.3463, 29.3059

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.



37.6937, 28.0838, 66.6904



23.1606, 28.0838, 6.2978



23.4784, 28.0838, 86.1490

Square

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



23.1606, 28.0838, 6.2978



15.6083, 28.0838, 42.4483



30.5670, 28.0838, 85.6177



42.0733, 28.0838, 21.1575

Rectangle

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



23.1606, 28.0838, 6.2978



16.0956, 28.0838, 17.1898



30.5670, 28.0838, 85.6177



41.1461, 28.0838, 49.5659

Sweetspot

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



23.1612, 28.0851, 6.2984



46.6439, 51.9713, 36.9211



13.9034, 8.4937, 3.0048



10.2468, 11.4804, 7.7566



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.1612, 28.0851, 6.2984



40.0667, 49.2069, 8.3169



15.7080, 24.2428, 5.9496



6.2446, 6.7339, 6.2111



18.6617, 23.0483, 3.4652



0.2337, 0.2848, 0.0427

Inverse Universe

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



7.3810, 4.3463, 29.3059



10.6438, 4.8870, 51.3035



11.4590, 6.4486, 29.4967



5.5180, 5.6425, 7.2680



4.6291, 1.8589, 24.0459



0.0606, 0.0248, 0.2945

Previews

White Background



This preview shows how the XYZ color 23.1606, 28.0838, 6.2978 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 23.1606, 28.0838, 6.2978 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 23.1606, 28.0838, 6.2978

Background



This preview shows how black text looks on a background with the XYZ color 23.1606, 28.0838, 6.2978.



This preview shows how white text looks on a background with the XYZ color 23.1606, 28.0838,

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

23.1606, 28.0838, 6.2978

Protanopia

25.4087, 28.0854, 6.0893

Deuteranopia

28.4949, 27.9123, 6.4705



Tritanopia

28.6743, 28.0585, 33.1827

Trichromacy



Original Color

23.1606, 28.0838, 6.2978

Protanomaly

24.5270, 28.0886, 6.1364

Deuteranomaly

26.2761, 27.8527, 6.3741

Tritanomaly

25.7914, 27.7696, 19.0396

Monochromacy



Original Color

23.1606, 28.0838, 6.2978

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.6891, 25.5648, 16.0506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1606, 28.0838, 6.2978 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(146, 150, 41)` looks like.

```
.text, #text, p{  
    color:rgb(146, 150, 41)  
}
```

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(146, 150, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 150, 41) }
```

Border

The CSS property to change the border of an element to XYZ 23.1606, 28.0838, 6.2978 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(146, 150, 41) }
```


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

```
.border{ border-color:rgb(146, 150, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 150, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 150, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 150, 41);  
box-shadow:4px 4px 4px 4px rgb(146, 150,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1606, 28.0838, 6.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 150, 41) }
```

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

```
.background{ background-color: rgb(146,  
150, 41) }
```

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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