

Converting Colors

XYZ(23.4266, 22.6408, 30.4210)

Have a look what the booklet for
XYZ(23.4266, 22.6408, 30.4210)
contains.

XYZ(23.2966, 22.4860, 30.3065)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.2966, 22.4860,
30.3065)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7E92
RGB	139, 126, 146
RGB Percent	55%, 49%, 57%
CMY	0.4549, 0.5059, 0.4274
CMYK	0.05, 0.14, 0.00, 0.43
HSL	279°, 8%, 53%
HSV	279°, 14%, 57%
XYZ	23.2966, 22.4860, 30.3065
YIQ	132.1670, 1.3280, 8.9760

Conversions

Conversions Part 2

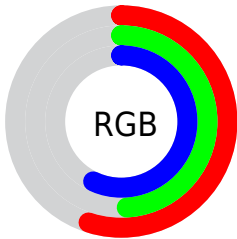
Format	Color
R_{YB}	139, 126, 146
Decimal	9141906
CIE _{Lab}	54.54, 8.86, -8.96
CIE _{LCh}	55, 12.607, 314.677
Yxy	22.4860, 0.3062, 0.2955
Android (android.graphics.Color)	4287331986 (0xFF8B7E92)
YUV	132.1670, 6.8197, 5.9925
Hunter-Lab	47.4194, 4.7110, -4.6996

Details

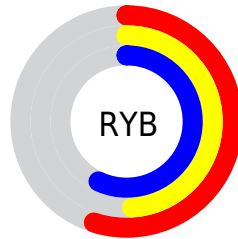
The XYZ color **23.2966, 22.4860, 30.3065** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7185, 27.0513, 23.7111**, and the grayscale version is **21.9688, 23.1128, 25.1699**.

A 20% lighter version of the original color is **48.5377, 47.7478, 61.3016**, and **8.8850, 8.2761, 12.1955** is the 20% darker color. If you saturate the color by 10%, you get **20.7310, 18.5918, 29.6904**, and if you desaturate by 10%, it is **26.1760, 26.9477, 31.0163**.

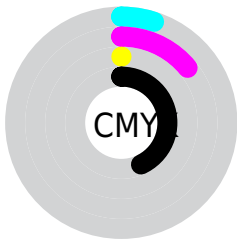
Distribution



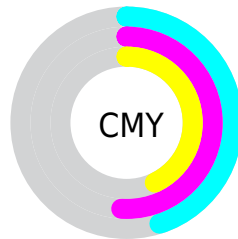
- Red (55%)
- Green (49%)
- Blue (57%)



- Red (55%)
- Yellow (49%)
- Blue (57%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (43%)



- Cyan (45%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2966, 22.4860, 30.3065 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 23.2966, 22.4860, 30.3065 by changing the saturation by 10% instead.

■ 23.2966, 22.4860,
30.3065

■ 23.2966, 22.4860,
30.3065

261.7517,
265.0739, 317.5822

■ 14.9346, 14.2144,
19.8173

■ 48.3430, 47.5479,
61.2133

■ 8.8595, 8.2700,
12.0796

■ 65.7580, 65.1071,
82.4680

■ 4.7060, 4.2682,
6.6747

■ 86.9214, 86.5310,
108.1482

■ 2.1088, 1.8247,
3.1842

112.1986,
112.2039, 138.6726

■ 0.6940, 0.5025,
1.1894

141.9549,
142.5102, 174.4597

■ 0.0000, 0.0000,
0.0000

176.5556,

177.8344, 215.9279

216.3661,
218.5608, 263.4959

■ 23.2966, 22.4860,
30.3065

■ 23.2966, 22.4860,
30.3065

■ 20.7310, 18.5918,
29.6904

■ 26.1760, 26.9477,
31.0163

■ 18.4647, 15.2383,
29.1626

■ 29.3786, 31.9963,
31.8220

■ 16.4854, 12.4011,
28.7192

■ 32.9162, 37.6539,
32.7275

■ 14.7789, 10.0525,
28.3559

■ 36.7990, 43.9406,
33.7363

■ 13.3294, 8.1623,
28.0674

■ 41.0371, 50.8755,
34.8515

■ 12.1199, 6.6968,
27.8483

■ 45.6399, 58.4769,
36.0762

■ 11.1305, 5.6175,
27.6921

■ 50.6167, 66.7624,
37.4131

■ 10.3378, 4.8783,
27.5912

■ 55.9761, 75.7489,
38.8652

■ 9.8968, 4.5026,
27.5419

■ 60.9551, 83.9092,
40.1779

Harmonies

Analogous

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



22.0530, 22.4860, 32.6123



23.2966, 22.4860, 30.3065



24.0403, 22.4860, 26.5511

Triad

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



23.2966, 22.4860, 30.3065



22.0825, 22.4860, 17.8497



18.9022, 22.4860, 26.4638

Complementary

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



23.2966, 22.4860, 30.3065



23.7185, 27.0513, 23.7111

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.



18.9093, 22.4860, 22.5260



23.2966, 22.4860, 30.3065



20.7057, 22.4860, 17.8318

Square

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



23.2966, 22.4860, 30.3065



23.3190, 22.4860, 19.5106



19.5569, 22.4860, 19.4585



19.5370, 22.4860, 30.2367

Rectangle

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



23.2966, 22.4860, 30.3065



24.1330, 22.4860, 23.8678



19.5569, 22.4860, 19.4585



18.8305, 22.4860, 25.1096

Sweetspot

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



23.2973, 22.4870, 30.3070



45.9713, 47.2171, 54.6644



22.2266, 23.3784, 30.5355



10.1451, 10.3764, 12.1403



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.2973, 22.4870, 30.3070



39.8568, 37.7691, 53.1630



24.2988, 23.0270, 29.2836



5.8403, 5.8086, 7.2831



8.7337, 3.9749, 24.2380



0.1389, 0.0651, 0.2982

Inverse Universe

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



23.5494, 22.7272, 25.3371



40.3942, 38.2753, 42.8326



22.8242, 26.5701, 24.5795



5.8796, 5.8469, 6.4723



10.9693, 5.5928, 3.3194



0.1472, 0.0736, 0.1090

Previews

White Background



This preview shows how the XYZ color 23.2966, 22.4860, 30.3065 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 23.2966, 22.4860, 30.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

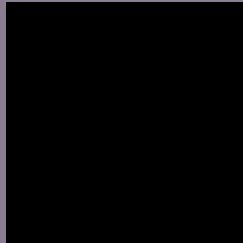
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2966, 22.4860, 30.3065

Background



This preview shows how black text looks on a background with the XYZ color 23.2966, 22.4860, 30.3065.



This preview shows how white text looks on a background with the XYZ color 23.2966, 22.4860,

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

23.2966, 22.4860, 30.3065

Protanopia

22.2300, 22.6926, 31.2254

Deuteranopia

22.9310, 22.4883, 30.3262



Tritanopia

22.5860, 22.3882, 26.7978

Trichromacy



Original Color

23.2966, 22.4860, 30.3065

Protanomaly

22.6324, 22.7126, 30.7949

Deuteranomaly

23.0942, 22.5724, 30.3338

Tritanomaly

22.8042, 22.4755, 27.9472

Monochromacy



Original Color

23.2966, 22.4860, 30.3065

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.4897, 22.9223, 26.9060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2966, 22.4860, 30.3065 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(139, 126, 146)` looks like.

```
.text, #text, p{  
    color:rgb(139, 126, 146)  
}
```

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(139, 126, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 126, 146) }
```

Border

The CSS property to change the border of an element to XYZ 23.2966, 22.4860, 30.3065 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(139, 126, 146) }
```


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

```
.border{ border-color:rgb(139, 126, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 126, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 126, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 126, 146);  
box-shadow:4px 4px 4px 4px rgb(139, 126,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2966, 22.4860, 30.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 126, 146) }
```

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

```
.background{ background-color: rgb(139,  
126, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor