

Converting Colors

XYZ(22.8492, 28.6265, 6.8949)

Have a look what the booklet for
XYZ(22.8492, 28.6265, 6.8949)
contains.

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Color

**XYZ(22.8689, 28.6424,
6.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	8D992E
RGB	141, 153, 46
RGB Percent	55%, 60%, 18%
CMY	0.4471, 0.4000, 0.8196
CMYK	0.08, 0.00, 0.70, 0.40
HSL	67°, 54%, 39%
HSV	67°, 70%, 60%
XYZ	22.8689, 28.6424, 6.9080
YIQ	137.2140, 27.1950, -35.8210

Conversions

Conversions Part 2

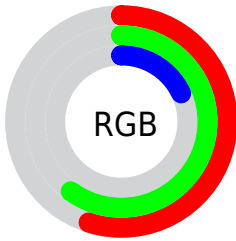
Format	Color
R_{YB}	46, 153, 58
Decimal	9279790
CIE Lab	60.46, -18.60, 52.07
CIE LCh	60, 55.292, 109.663
Yxy	28.6424, 0.3915, 0.4903
Android (android.graphics.Color)	4287469870 (0xFF8D992E)
YUV	137.2140, -44.9685, 3.3203
Hunter-Lab	53.5186, -17.3831, 29.8101

Details

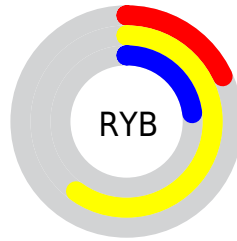
The XYZ color **22.8689, 28.6424, 6.9080** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.4726, 5.1541, 30.6869**, and the grayscale version is **24.0173, 25.2681, 27.5169**.

A 20% lighter version of the original color is **47.5909, 57.3968, 20.3748**, and **8.6819, 11.5290, 1.7677** is the 20% darker color. If you saturate the color by 10%, you get **22.3301, 28.3945, 5.5797**, and if you desaturate by 10%, it is **23.5210, 28.9383, 8.8039**.

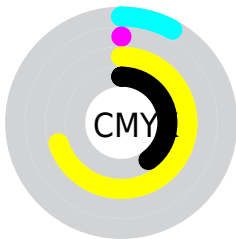
Distribution



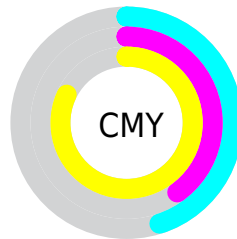
- Red (55%)
- Green (60%)
- Blue (18%)



- Red (18%)
- Yellow (60%)
- Blue (23%)



- Cyan (8%)
- Magenta (0%)
- Yellow (70%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8689, 28.6424, 6.9080 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 22.8689, 28.6424, 6.9080 by changing the saturation by 10% instead.

■ 22.8689, 28.6424,
6.9080

■ 22.8689, 28.6424,
6.9080

■ 259.5989,
295.5239, 176.4989

■ 14.6169, 18.8105,
3.3271

■ 47.6462, 57.5084,
20.2976

■ 8.6355, 11.5334,
1.2640

■ 64.9022, 77.3113,
30.9433

■ 4.5594, 6.4268,
0.0320

■ 85.8903, 101.2067,
44.7811

■ 2.0232, 3.1063,
0.0000

■ 110.9758,
129.5789, 62.2294

■ 0.6470, 1.1875,
0.0000

■ 140.5240,
162.8123, 83.7068

■ 0.0000, 0.0514,
0.0000

■ 174.9004,

■ 0.0000, 0.0000,

201.2914, 109.6318

0.0000

214.4702,
245.4004, 140.4230

■ 22.8689, 28.6424,
6.9080

■ 22.8689, 28.6424,
6.9080

■ 22.3301, 28.3945,
5.5797

■ 23.5210, 28.9383,
8.8039

■ 21.8907, 28.1858,
4.7538

■ 24.2948, 29.2823,
11.3198

■ 21.5215, 28.0057,
4.2743

■ 25.2001, 29.6794,
14.5040

■ 21.5191, 28.0045,
4.2712

■ 26.2450, 30.1330,
18.3996

■ 27.4371, 30.6459,
23.0462

■ 28.7833, 31.2210,
28.4804

■ 30.2902, 31.8609,
34.7364

■ 31.9639, 32.5681,
41.8464

■ 33.8101, 33.3449,
49.8409

Harmonies

Analogous

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



29.7571, 28.6424, 6.3210



22.8689, 28.6424, 6.9080



18.0586, 28.6424, 12.0589

Triad

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



22.8689, 28.6424, 6.9080



19.2833, 28.6424, 71.6773



43.0494, 28.6424, 38.7712

Complementary

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



22.8689, 28.6424, 6.9080



8.4726, 5.1541, 30.6869

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.



39.0598, 28.6424, 64.1049



22.8689, 28.6424, 6.9080



24.8384, 28.6424, 87.9065

Square

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



22.8689, 28.6424, 6.9080



16.2524, 28.6424, 46.3408



32.0991, 28.6424, 84.6528



42.2716, 28.6424, 19.7591

Rectangle

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



22.8689, 28.6424, 6.9080



16.2916, 28.6424, 19.4404



32.0991, 28.6424, 84.6528



42.1977, 28.6424, 46.9086

Sweetspot

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



22.8696, 28.6437, 6.9086



48.8006, 54.7373, 39.9503



15.0793, 9.8670, 3.6949



10.6542, 12.0343, 8.3441



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.8696, 28.6437, 6.9086



39.5176, 50.6263, 9.0430



15.9861, 25.0952, 6.5865



6.6407, 7.1877, 6.6432



17.8016, 23.1529, 3.5307



0.2830, 0.3548, 0.0536

Inverse Universe

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



8.4726, 5.1541, 30.6869



12.1525, 5.8351, 54.4577



13.1830, 7.5824, 30.9074



5.9457, 6.0579, 7.7849



4.9613, 2.0087, 25.0339



0.0889, 0.0376, 0.3749

Previews

White Background



This preview shows how the XYZ color 22.8689, 28.6424, 6.9080 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 22.8689, 28.6424, 6.9080 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 22.8689, 28.6424, 6.9080

Background



This preview shows how black text looks on a background with the XYZ color 22.8689, 28.6424, 6.9080.



This preview shows how white text looks on a background with the XYZ color 22.8689, 28.6424,

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

22.8689, 28.6424, 6.9080

Protanopia

25.8378, 28.5261, 6.5272

Deuteranopia

28.9774, 28.3611, 7.0789



Tritanopia

28.4177, 28.5573, 34.5862

Trichromacy



Original Color

22.8689, 28.6424, 6.9080

Protanomaly

24.7387, 28.6529, 6.7093

Deuteranomaly

26.3132, 28.0822, 6.9393

Tritanomaly

25.5609, 28.3083, 20.3365

Monochromacy



Original Color

22.8689, 28.6424, 6.9080

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.8024, 26.0477, 16.9226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8689, 28.6424, 6.9080 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(141, 153, 46)` looks like.

```
.text, #text, p{  
    color:rgb(141, 153, 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(141, 153, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 153, 46) }
```

Border

The CSS property to change the border of an element to XYZ 22.8689, 28.6424, 6.9080 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(141, 153, 46) }
```


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

```
.border{ border-color:rgb(141, 153, 46) }
```

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

Here you see how a box with a 4 pixel rgb(141, 153, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 153, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 153, 46);  
box-shadow:4px 4px 4px 4px rgb(141, 153,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8689, 28.6424, 6.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 153, 46) }
```

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

```
.background{ background-color: rgb(141,  
153, 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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