

Converting Colors

XYZ(13.6260, 15.2828, 3.0959)

Have a look what the booklet for
XYZ(13.6260, 15.2828, 3.0959)
contains.

XYZ(13.6260, 15.2828, 3.0959)	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(13.6260, 15.2828,
3.0959)**

Conversions

Conversions Part 1

Format	Color
Hex	796E18
RGB	121, 110, 24
RGB Percent	47%, 43%, 9%
CMY	0.5255, 0.5686, 0.9059
CMYK	0.00, 0.09, 0.80, 0.53
HSL	53°, 67%, 28%
HSV	53°, 80%, 47%
XYZ	13.6260, 15.2828, 3.0959
YIQ	103.4850, 34.1620, -24.4140

Conversions

Conversions Part 2

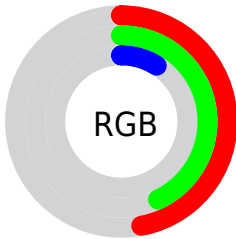
Format	Color
RYB	36, 121, 24
Decimal	7958040
CIELab	46.02, -5.64, 45.89
CIELCh	46, 46.231, 97.005
Yxy	15.2828, 0.4257, 0.4775
Android (android.graphics.Color)	4286148120 (0xFF796E18)
YUV	103.4850, -39.1861, 15.3607
Hunter-Lab	39.0932, -6.1967, 22.6699

Details

The XYZ color **13.6260, 15.2828, 3.0959** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.4290, 2.7768, 18.3916**, and the grayscale version is **13.1158, 13.7989, 15.0270**.

A 20% lighter version of the original color is **31.9194, 35.2278, 11.7739**, and **4.2318, 4.8202, 0.7074** is the 20% darker color. If you saturate the color by 10%, you get **13.3803, 14.9501, 2.5252**, and if you desaturate by 10%, it is **13.9306, 15.6439, 3.9628**.

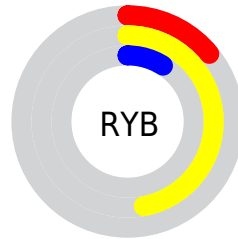
Distribution



Red (47%)

Green (43%)

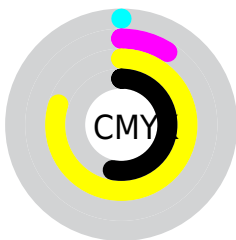
Blue (9%)



Red (14%)

Yellow (47%)

Blue (9%)

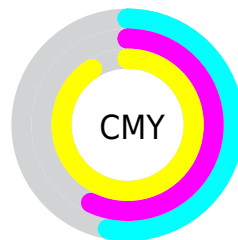


Cyan (0%)

Magenta (9%)

Yellow (80%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6260, 15.2828, 3.0959 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 13.6260, 15.2828, 3.0959 by changing the saturation by 10% instead.

■ 13.6260, 15.2828,
3.0959

■ 13.6260, 15.2828,
3.0959

208.4491,
225.0716, 137.5728

■ 7.9410, 9.0181,
1.1438

■ 32.0158, 35.3485,
11.8642

■ 4.1087, 4.7530,
0.0000

■ 45.4512, 49.9184,
19.5174

■ 1.7638, 2.1031,
0.0000

■ 62.2008, 68.0254,
29.9082

■ 0.4957, 0.6664,
0.0000

■ 82.6300, 90.0539,
43.4549

■ 0.0000, 0.0000,
0.0000

■ 107.1040,
116.3884, 60.5762

■ 135.9883,

147.4133, 81.6906

169.6482,
183.5129, 107.2166

13.6260, 15.2828,
3.0959

13.6260, 15.2828,
3.0959

13.3803, 14.9501,
2.5252

13.9306, 15.6439,
3.9628

13.1723, 14.6393,
2.1314

14.2998, 16.0339,
5.1596

14.7395, 16.4558,
6.7167

15.2549, 16.9117,
8.6605

15.8504, 17.4035,
11.0152

■ 16.5304, 17.9327,
13.8028

■ 17.2987, 18.5010,
17.0439

■ 18.1589, 19.1099,
20.7577

■ 19.1146, 19.7607,
24.9623

Harmonies

Analogous

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



17.6733, 15.2828, 3.6304



13.6260, 15.2828, 3.0959



10.4456, 15.2828, 4.6704

Triad

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



13.6260, 15.2828, 3.0959



9.3004, 15.2828, 33.3049



22.6264, 15.2828, 26.5763

Complementary

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



13.6260, 15.2828, 3.0959



4.4290, 2.7768, 18.3916

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.



19.5504, 15.2828, 40.5126



13.6260, 15.2828, 3.0959



11.7762, 15.2828, 45.4654

Square

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



13.6260, 15.2828, 3.0959



8.2563, 15.2828, 19.4138



15.4645, 15.2828, 48.5706



23.3633, 15.2828, 14.1445

Rectangle

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



13.6260, 15.2828, 3.0959



9.0775, 15.2828, 7.4369



15.4645, 15.2828, 48.5706



21.8079, 15.2828, 31.3785

Sweetspot

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



13.6263, 15.2835, 3.0962



29.0422, 31.6838, 22.4039



8.5200, 4.8416, 2.1006



6.5611, 7.1824, 4.7980



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.6263, 15.2835, 3.0962



23.6641, 26.3115, 4.0130



10.6421, 15.6171, 3.3179



4.2708, 4.5601, 4.2796



14.1111, 15.6782, 2.2825



66.9181, 73.9997, 10.7564

Inverse Universe

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



4.4290, 2.7768, 18.3916



6.5764, 3.1470, 32.6537



5.7138, 3.0319, 18.3731



3.8309, 3.9600, 5.0056



3.8577, 1.7979, 19.5290



18.0722, 7.9170, 93.0454

Previews

White Background



This preview shows how the XYZ color 13.6260, 15.2828, 3.0959 looks on a white 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

Black Background



This preview shows how the XYZ color 13.6260, 15.2828, 3.0959 looks on a black 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

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

XYZ 13.6260, 15.2828, 3.0959

Background



This preview shows how black text looks on a background with the XYZ color 13.6260, 15.2828, 3.0959.



This preview shows how white text looks on a background with the XYZ color 13.6260, 15.2828,

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

13.6260, 15.2828, 3.0959

Protanopia

13.8019, 15.2142, 3.0733

Deuteranopia

15.4647, 15.2981, 3.1747



Tritanopia

16.3182, 15.1406, 16.8142

Trichromacy



Original Color

13.6260, 15.2828, 3.0959

Protanomaly

13.6595, 15.1408, 3.0667

Deuteranomaly

14.7006, 15.2079, 3.1379

Tritanomaly

14.9203, 15.0276, 9.5114

Monochromacy



Original Color

13.6260, 15.2828, 3.0959

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.8205, 14.1175, 8.5278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6260, 15.2828, 3.0959 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(121, 110, 24)` looks like.

```
.text, #text, p{  
    color:rgb(121, 110, 24)  
}
```

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(121, 110, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 110, 24) }
```

Border

The CSS property to change the border of an element to XYZ 13.6260, 15.2828, 3.0959 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(121, 110, 24) }
```


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

```
.border{ border-color:rgb(121, 110, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 110, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 110, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 110, 24);  
box-shadow:4px 4px 4px 4px rgb(121, 110,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6260, 15.2828, 3.0959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 110, 24) }
```

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

```
.background{ background-color: rgb(121,  
110, 24) }
```

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