

Converting Colors

XYZ(30.2926, 43.0010, 22.8640)

Have a look what the booklet for
XYZ(30.2926, 43.0010, 22.8640)
contains.

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Color

**XYZ(30.1828, 42.8594,
22.9015)**

Conversions

Conversions Part 1

Format	Color
Hex	7DBF73
RGB	125, 191, 115
RGB Percent	49%, 75%, 45%
CMY	0.5098, 0.2510, 0.5490
CMYK	0.35, 0.00, 0.40, 0.25
HSL	112°, 37%, 60%
HSV	112°, 40%, 75%
XYZ	30.1828, 42.8594, 22.9015
YIQ	162.6020, -14.9400, -37.6280

Conversions

Conversions Part 2

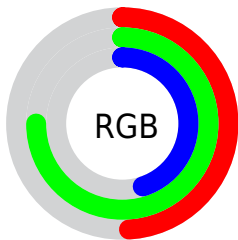
Format	Color
RYB	115, 191, 181
Decimal	8241011
CIELab	71.46, -35.86, 31.85
CIELCh	71, 47.961, 138.386
Yxy	42.8594, 0.3146, 0.4467
Android (android.graphics.Color)	4286431091 (0xFF7DBF73)
YUV	162.6020, -23.4678, -32.9770
Hunter-Lab	65.4671, -32.2722, 25.0863

Details

The XYZ color **30.1828, 42.8594, 22.9015** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **34.5926, 25.8480, 52.4584**, and the grayscale version is **34.7382, 36.5473, 39.8000**.

A 20% lighter version of the original color is **59.4577, 79.6653, 49.2890**, and **12.5723, 19.6507, 8.1314** is the 20% darker color. If you saturate the color by 10%, you get **26.9732, 41.3202, 17.5966**, and if you desaturate by 10%, it is **34.0267, 44.7019, 29.4266**.

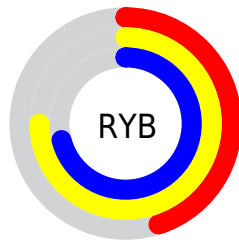
Distribution



Red (49%)

Green (75%)

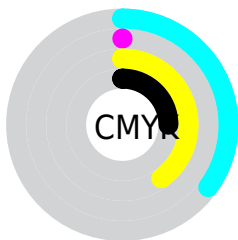
Blue (45%)



Red (45%)

Yellow (75%)

Blue (71%)

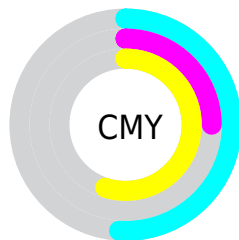


Cyan (35%)

Magenta (0%)

Yellow (40%)

Black (25%)



Cyan (51%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1828, 42.8594, 22.9015 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 30.1828, 42.8594, 22.9015 by changing the saturation by 10% instead.

■ 30.1828, 42.8594,
22.9015

■ 30.1828, 42.8594,
22.9015

294.6502,
358.0332, 280.3242

■ 20.1261, 29.7748,
14.3162

■ 59.3358, 79.4986,
49.1527

■ 12.5956, 19.6677,
8.1996

■ 79.1628, 103.8221,
67.6556

■ 7.2257, 12.1537,
4.1334

■ 102.9774,
132.6606, 90.3015

■ 3.6512, 6.8485,
1.6988

131.1448,
166.3986, 117.5089

■ 1.5068, 3.3675,
0.3599

164.0304,
205.4205, 149.6963

■ 0.3304, 1.3265,
0.0000

201.9996,

■ 0.0000, 0.1616,

250.1106, 187.2823

0.0000

245.4177,
300.8534, 230.6854

■ 0.0000, 0.0000,
0.0000

■ 30.1828, 42.8594,
22.9015

■ 30.1828, 42.8594,
22.9015

■ 26.9732, 41.3202,
17.5966

■ 34.0267, 44.7019,
29.4266

■ 24.3605, 40.0627,
13.4334

■ 38.5334, 46.8569,
37.2382

■ 22.3081, 39.0713,
10.3289


■ 43.7334, 49.3402,
46.4012


■ 20.7743, 38.3263,
8.1877


■ 49.6544, 52.1646,
56.9751


■ 19.7110, 37.8056,
6.8971


■ 56.3226, 55.3426,
69.0162

 19.0466, 37.4770,
6.2414

 63.7628, 58.8858,
82.5774

 19.0357, 37.4716,
6.2295

 71.9989, 62.8052,
97.7092

 77.9217, 65.7433,
103.1906

Harmonies

Analogous

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



36.0265, 42.8594, 15.8818



30.1828, 42.8594, 22.9015



27.3259, 42.8594, 38.2643

Triad

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



30.1828, 42.8594, 22.9015



37.6861, 42.8594, 105.2838



57.3440, 42.8594, 33.9831

Complementary

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



30.1828, 42.8594, 22.9015



34.5926, 25.8480, 52.4584

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.



57.9432, 42.8594, 56.2168



30.1828, 42.8594, 22.9015



45.8403, 42.8594, 102.9590

Square

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



30.1828, 42.8594, 22.9015



31.2589, 42.8594, 88.5022



53.5017, 42.8594, 82.9243



51.9591, 42.8594, 20.6642

Rectangle

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



30.1828, 42.8594, 22.9015



27.2095, 42.8594, 53.4670



53.5017, 42.8594, 82.9243



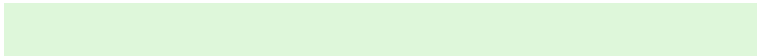
58.1357, 42.8594, 40.4687

Sweetspot

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



30.1839, 42.8612, 22.9024



75.9730, 87.2426, 78.9374



41.0790, 45.3098, 22.8008



16.4056, 19.0253, 16.8439



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.1839, 42.8612, 22.9024



48.8492, 74.2619, 32.3967



30.6502, 42.8875, 32.5974



9.5224, 10.7082, 10.1416



12.5490, 24.6451, 4.0956



0.5300, 0.9852, 0.1622

Inverse Universe

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



34.5926, 25.8480, 52.4584



57.8342, 39.4488, 92.8453



34.2409, 25.9880, 37.9260



9.8032, 9.6309, 12.0145



16.5460, 7.8158, 33.0294



0.6829, 0.3241, 1.2954

Previews

White Background



This preview shows how the XYZ color 30.1828, 42.8594, 22.9015 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 30.1828, 42.8594, 22.9015 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

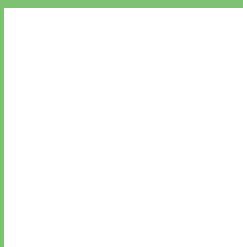
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1828, 42.8594, 22.9015

Background



This preview shows how black text looks on a background with the XYZ color 30.1828, 42.8594, 22.9015.



This preview shows how white text looks on a background with the XYZ color 30.1828, 42.8594,

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

30.1828, 42.8594, 22.9015

Protanopia

39.0780, 42.3020, 20.2928

Deuteranopia

43.2823, 42.4278, 23.9973



Tritanopia

37.3029, 42.6087, 58.4828

Trichromacy



Original Color

30.1828, 42.8594, 22.9015

Protanomaly

34.9164, 41.8972, 21.2856

Deuteranomaly

37.2152, 41.8476, 23.5687

Tritanomaly

34.3157, 42.6388, 42.9807

Monochromacy



Original Color

30.1828, 42.8594, 22.9015

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

32.5263, 38.3520, 32.8825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1828, 42.8594, 22.9015 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(125, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(125, 191, 115)  
}
```

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(125, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 191, 115) }
```

Border

The CSS property to change the border of an element to XYZ 30.1828, 42.8594, 22.9015 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(125, 191, 115) }
```


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

```
.border{ border-color:rgb(125, 191, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 191, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 191, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 191, 115);  
box-shadow:4px 4px 4px 4px rgb(125, 191,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1828, 42.8594, 22.9015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 191, 115) }
```

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

```
.background{ background-color: rgb(125,  
191, 115) }
```

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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