

Converting Colors

XYZ(22.5414, 29.8674, 21.0509)

Have a look what the booklet for
XYZ(22.5414, 29.8674, 21.0509)
contains.

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Color

**XYZ(22.5332, 29.9133,
21.1092)**

Conversions

Conversions Part 1

Format	Color
Hex	71A074
RGB	113, 160, 116
RGB Percent	44%, 63%, 45%
CMY	0.5569, 0.3725, 0.5451
CMYK	0.29, 0.00, 0.28, 0.37
HSL	124°, 20%, 54%
HSV	124°, 29%, 63%
XYZ	22.5332, 29.9133, 21.1092
YIQ	140.9310, -13.8880, -23.6480

Conversions

Conversions Part 2

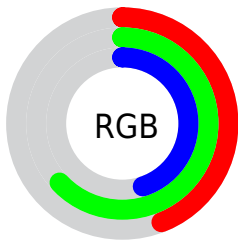
Format	Color
RYB	113, 157, 160
Decimal	7446644
CIELab	61.58, -24.94, 18.00
CIELCh	62, 30.758, 144.173
Yxy	29.9133, 0.3063, 0.4067
Android (android.graphics.Color)	4285636724 (0xFF71A074)
YUV	140.9310, -12.2910, -24.4955
Hunter-Lab	54.6931, -22.1719, 15.4017

Details

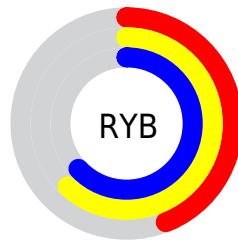
The XYZ color **22.5332, 29.9133, 21.1092** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.4891, 21.7187, 34.6954**, and the grayscale version is **25.3415, 26.6613, 29.0341**.

A 20% lighter version of the original color is **47.0942, 59.5350, 46.0551**, and **8.4558, 12.1992, 7.3779** is the 20% darker color. If you saturate the color by 10%, you get **19.8513, 28.6243, 16.7965**, and if you desaturate by 10%, it is **25.7202, 31.4482, 26.1802**.

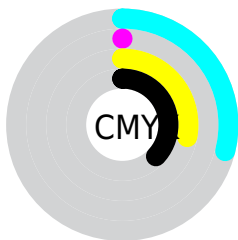
Distribution



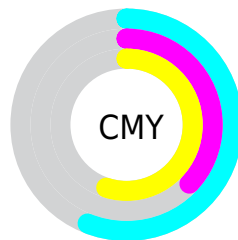
- Red (44%)
- Green (63%)
- Blue (45%)



- Red (44%)
- Yellow (62%)
- Blue (63%)



- Cyan (29%)
- Magenta (0%)
- Yellow (28%)
- Black (37%)



- Cyan (56%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5332, 29.9133, 21.1092 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 22.5332, 29.9133, 21.1092 by changing the saturation by 10% instead.

■ 22.5332, 29.9133,
21.1092

■ 22.5332, 29.9133,
21.1092

257.8986,
301.5001, 270.6583

■ 14.3680, 19.7728,
13.0118

■ 47.0980, 59.5250,
46.1524

■ 8.4605, 12.2300,
7.3059

■ 64.2283, 79.7651,
63.9352

■ 4.4452, 6.9005,
3.5728

■ 85.0778, 104.1404,
85.7836

■ 1.9570, 3.4000,
1.3940

■ 110.0116,
133.0354, 112.1162

■ 0.6096, 1.3439,
0.1371

139.3953,
166.8344, 143.3514

■ 0.0000, 0.1748,
0.0000

173.5941,

■ 0.0000, 0.0000,

205.9220, 179.9078

0.0000

212.9734,
250.6824, 222.2039

■ 22.5332, 29.9133,
21.1092

■ 22.5332, 29.9133,
21.1092

■ 19.8513, 28.6243,
16.7965

■ 25.7202, 31.4482,
26.1802

■ 17.6462, 27.5648,
13.2039

■ 29.4338, 33.2367,
32.0414

■ 15.8908, 26.7224,
10.2926

■ 33.6972, 35.2911,
38.7252

■ 14.5539, 26.0822,
8.0198

■ 38.5315, 37.6214,
46.2618

■ 13.6007, 25.6270,
6.3374

■ 43.9567, 40.2375,
54.6796

■ 12.9905, 25.3372,
5.1908

■ 49.9919, 43.1486,
64.0059

■ 12.6452, 25.1738,
4.5138

■ 56.6551, 46.3634,
74.2667

■ 12.6274, 25.1652,
4.4852

■ 63.9639, 49.8905,
85.4870

■ 71.1941, 53.3559,
97.6563

Harmonies

Analogous

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



25.3385, 29.9133, 16.0713



22.5332, 29.9133, 21.1092



21.3191, 29.9133, 30.3421

Triad

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



22.5332, 29.9133, 21.1092



27.6426, 29.9133, 60.4272



36.2068, 29.9133, 24.2088

Complementary

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



22.5332, 29.9133, 21.1092



26.4891, 21.7187, 34.6954

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.



36.9727, 29.9133, 34.9054



22.5332, 29.9133, 21.1092



31.7669, 29.9133, 57.6707

Square

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



22.5332, 29.9133, 21.1092



24.0822, 29.9133, 54.3959



35.2790, 29.9133, 47.5724



33.2758, 29.9133, 17.5383

Rectangle

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



22.5332, 29.9133, 21.1092



21.4831, 29.9133, 38.3876



35.2790, 29.9133, 47.5724



36.7370, 29.9133, 27.3729

Sweetspot

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



22.5340, 29.9146, 21.1099



53.5877, 60.4163, 58.4063



29.5845, 33.5691, 20.5431



11.5358, 13.1457, 12.4683



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.5340, 29.9146, 21.1099



37.7416, 52.7880, 33.2387



24.0309, 30.5133, 28.9926



6.5671, 7.4076, 7.1548



9.8424, 19.6049, 3.5272



0.1804, 0.3523, 0.0865

Inverse Universe

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



26.4891, 21.7187, 34.6954



46.0654, 35.5344, 61.8266



24.7167, 21.0097, 25.3624



6.8859, 6.7473, 8.2501



15.5740, 7.5342, 23.0716



0.2834, 0.1367, 0.4385

Previews

White Background



This preview shows how the XYZ color 22.5332, 29.9133, 21.1092 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 22.5332, 29.9133, 21.1092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

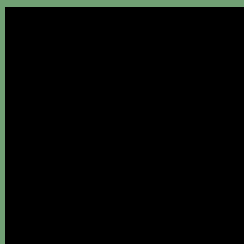
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5332, 29.9133, 21.1092

Background



This preview shows how black text looks on a background with the XYZ color 22.5332, 29.9133, 21.1092.



This preview shows how white text looks on a background with the XYZ color 22.5332, 29.9133,

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

22.5332, 29.9133, 21.1092

Protanopia

27.7572, 29.6984, 19.3083

Deuteranopia

30.0764, 29.4727, 21.8729



Tritanopia

26.4646, 30.0020, 40.4725

Trichromacy



Original Color

22.5332, 29.9133, 21.1092

Protanomaly

25.3642, 29.3995, 19.9606

Deuteranomaly

26.8397, 29.4061, 21.7141

Tritanomaly

24.8415, 29.8370, 32.4668

Monochromacy



Original Color

22.5332, 29.9133, 21.1092

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.1148, 27.6710, 25.8999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5332, 29.9133, 21.1092 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(113, 160, 116)` looks like.

```
.text, #text, p{  
    color:rgb(113, 160, 116)  
}
```

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(113, 160, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 160, 116) }
```

Border

The CSS property to change the border of an element to XYZ 22.5332, 29.9133, 21.1092 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(113, 160, 116) }
```


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

```
.border{ border-color:rgb(113, 160, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 160, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 160, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 160, 116);  
box-shadow:4px 4px 4px 4px rgb(113, 160,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5332, 29.9133, 21.1092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 160, 116) }
```

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

```
.background{ background-color: rgb(113,  
160, 116) }
```

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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