

Converting Colors

XYZ(25.0464, 30.1040, 14.2913)

Have a look what the booklet for
XYZ(25.0464, 30.1040, 14.2913)
contains.

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Color

**XYZ(25.1113, 30.1273,
14.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	909B5B
RGB	144, 155, 91
RGB Percent	56%, 61%, 36%
CMY	0.4353, 0.3921, 0.6431
CMYK	0.07, 0.00, 0.41, 0.39
HSL	70°, 26%, 48%
HSV	70°, 41%, 61%
XYZ	25.1113, 30.1273, 14.3892
YIQ	144.4150, 13.9880, -22.2360

Conversions

Conversions Part 2

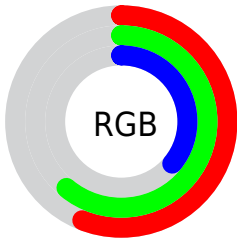
Format	Color
RYB	91, 155, 102
Decimal	9476955
CIELab	61.76, -14.36, 32.20
CIELCh	62, 35.258, 114.026
Yxy	30.1273, 0.3607, 0.4327
Android (android.graphics.Color)	4287667035 (0xFF909B5B)
YUV	144.4150, -26.3336, -0.3640
Hunter-Lab	54.8883, -14.3912, 22.8787

Details

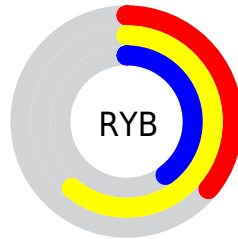
The XYZ color **25.1113, 30.1273, 14.3892** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.1381, 12.6743, 32.6606**, and the grayscale version is **26.7764, 28.1709, 30.6781**.

A 20% lighter version of the original color is **51.2361, 59.6960, 34.4132**, and **9.8000, 12.3504, 4.1528** is the 20% darker color. If you saturate the color by 10%, you get **24.0508, 29.6510, 11.2026**, and if you desaturate by 10%, it is **26.3224, 30.6672, 18.3051**.

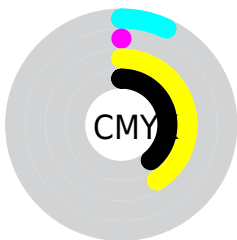
Distribution



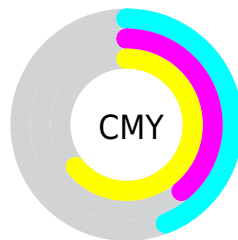
- Red (56%)
- Green (61%)
- Blue (36%)



- Red (36%)
- Yellow (61%)
- Blue (40%)



- Cyan (7%)
- Magenta (0%)
- Yellow (41%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1113, 30.1273, 14.3892 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 25.1113, 30.1273, 14.3892 by changing the saturation by 10% instead.

■ 25.1113, 30.1273,
14.3892

■ 25.1113, 30.1273,
14.3892

270.7292,
302.4974, 231.1508

■ 16.2892, 19.9352,
8.2500

■ 51.2793, 59.8634,
34.5050

■ 9.8212, 12.3480,
4.1653

■ 69.3559, 80.1763,
49.3188

■ 5.3419, 6.9811,
1.7165

■ 91.2481, 104.6315,
67.8611

■ 2.4860, 3.4503,
0.3720

■ 117.3211,
133.6136, 90.5506

■ 0.8882, 1.3711,
0.0000

147.9404,
167.5068, 117.8058

■ 0.0000, 0.1953,
0.0000

183.4712,

■ 0.0000, 0.0000,

206.6955, 150.0452

0.0000

224.2791,
251.5643, 187.6873

■ 25.1113, 30.1273,
14.3892

■ 25.1113, 30.1273,
14.3892

■ 24.0508, 29.6510,
11.2026

■ 26.3224, 30.6672,
18.3051

■ 23.1301, 29.2309,
8.6982

■ 27.6898, 31.2698,
22.9895

■ 22.3403, 28.8643,
6.8264


■ 29.2215, 31.9395,
28.4814


■ 21.6705, 28.5470,
5.5304


■ 30.9244, 32.6790,
34.8163


■ 21.1078, 28.2738,
4.7428


■ 32.8050, 33.4908,
42.0277

 20.6775, 28.0607,
4.3264

 34.8693, 34.3774,
50.1474

 37.1231, 35.3411,
59.2055

 39.5720, 36.3842,
69.2305

 42.2212, 37.5087,
80.2502

Harmonies

Analogous

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



29.5859, 30.1273, 13.2097



25.1113, 30.1273, 14.3892



21.9271, 30.1273, 19.8289

Triad

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



25.1113, 30.1273, 14.3892



23.6482, 30.1273, 58.5205



38.5953, 30.1273, 35.5714

Complementary

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



25.1113, 30.1273, 14.3892



15.1381, 12.6743, 32.6606

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.



36.5882, 30.1273, 50.4748



25.1113, 30.1273, 14.3892



27.7049, 30.1273, 65.8609

Square

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



25.1113, 30.1273, 14.3892



21.1492, 30.1273, 44.5086



32.4740, 30.1273, 62.5726



37.7069, 30.1273, 23.3547

Rectangle

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



25.1113, 30.1273, 14.3892



20.7966, 30.1273, 26.1844



32.4740, 30.1273, 62.5726



38.2306, 30.1273, 40.4535

Sweetspot

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



25.1120, 30.1287, 14.3898



52.0581, 57.0788, 50.0129



20.1256, 17.1621, 12.1499



11.7066, 12.8861, 11.0421



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.1120, 30.1287, 14.3898



43.1262, 53.1244, 20.2224



20.3353, 27.6662, 14.1663



6.6047, 7.1692, 6.6415



16.6354, 22.5517, 3.4761



0.2730, 0.3497, 0.0531

Inverse Universe

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



15.1381, 12.6743, 32.6606



22.6996, 17.3468, 57.6882



19.4369, 14.8904, 32.8617



5.9786, 6.0748, 7.7864



5.1315, 2.0964, 25.0419



0.0985, 0.0426, 0.3754

Previews

White Background



This preview shows how the XYZ color 25.1113, 30.1273, 14.3892 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 25.1113, 30.1273, 14.3892 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

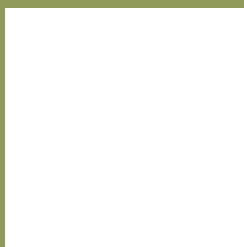
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1113, 30.1273, 14.3892

Background



This preview shows how black text looks on a background with the XYZ color 25.1113, 30.1273, 14.3892.



This preview shows how white text looks on a background with the XYZ color 25.1113, 30.1273,

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

25.1113, 30.1273, 14.3892

Protanopia

27.6549, 30.0027, 13.7847

Deuteranopia

30.5158, 29.8575, 14.7444



Tritanopia

29.6406, 30.0460, 37.0381

Trichromacy



Original Color

25.1113, 30.1273, 14.3892

Protanomaly

26.6224, 29.9393, 14.0486

Deuteranomaly

28.3459, 29.8732, 14.6281

Tritanomaly

27.6038, 29.9235, 26.8752

Monochromacy



Original Color

25.1113, 30.1273, 14.3892

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.7932, 28.5898, 23.5610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1113, 30.1273, 14.3892 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(144, 155, 91)` looks like.

```
.text, #text, p{  
    color:rgb(144, 155, 91)  
}
```

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(144, 155, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 155, 91) }
```

Border

The CSS property to change the border of an element to XYZ 25.1113, 30.1273, 14.3892 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(144, 155, 91) }
```


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

```
.border{ border-color:rgb(144, 155, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 155, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 155, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 155, 91);  
box-shadow:4px 4px 4px 4px rgb(144, 155,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1113, 30.1273, 14.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 155, 91) }
```

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

```
.background{ background-color: rgb(144,  
155, 91) }
```

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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