

Converting Colors

XYZ(25.5341, 29.8274, 20.7045)

Have a look what the booklet for
XYZ(25.5341, 29.8274, 20.7045)
contains.

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Color

**XYZ(25.4702, 29.6830,
20.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9973
RGB	141, 153, 115
RGB Percent	55%, 60%, 45%
CMY	0.4471, 0.4000, 0.5490
CMYK	0.08, 0.00, 0.25, 0.40
HSL	79°, 16%, 53%
HSV	79°, 25%, 60%
XYZ	25.4702, 29.6830, 20.6066
YIQ	145.0800, 5.0460, -14.3620

Conversions

Conversions Part 2

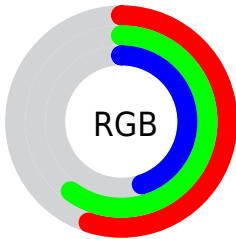
Format	Color
RYB	115, 153, 127
Decimal	9279859
CIELab	61.38, -11.18, 18.59
CIELCh	61, 21.688, 121.024
Yxy	29.6830, 0.3362, 0.3918
Android (android.graphics.Color)	4287469939 (0xFF8D9973)
YUV	145.0800, -14.8294, -3.5782
Hunter-Lab	54.4821, -11.8955, 15.7124

Details

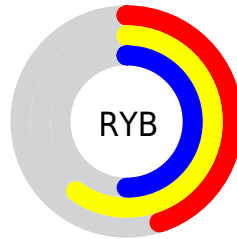
The XYZ color **25.4702, 29.6830, 20.6066** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.6342, 19.0742, 32.7328**, and the grayscale version is **27.0037, 28.4100, 30.9385**.

A 20% lighter version of the original color is **51.7936, 59.0178, 45.2210**, and **9.9809, 12.0816, 7.1161** is the 20% darker color. If you saturate the color by 10%, you get **23.8582, 28.9463, 16.3106**, and if you desaturate by 10%, it is **27.2658, 30.4993, 25.6753**.

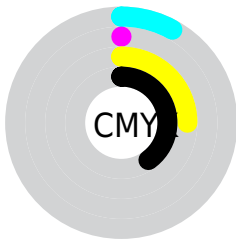
Distribution



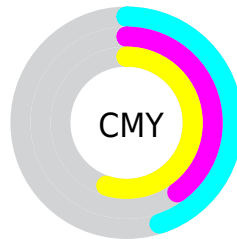
- Red (55%)
- Green (60%)
- Blue (45%)



- Red (45%)
- Yellow (60%)
- Blue (50%)



- Cyan (8%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4702, 29.6830, 20.6066 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 25.4702, 29.6830, 20.6066 by changing the saturation by 10% instead.

■ 25.4702, 29.6830,
20.6066

■ 25.4702, 29.6830,
20.6066

272.4762,
300.4240, 267.8924

■ 16.5583, 19.5981,
12.6483

■ 51.8564, 59.1605,
45.3041

■ 10.0134, 12.1032,
7.0590

■ 70.0615, 79.3219,
62.8805

■ 5.4702, 6.8140,
3.4200

■ 92.0949, 103.6109,
84.4999

■ 2.5633, 3.3461,
1.3129

118.3222,
132.4119, 110.5810

■ 0.9273, 1.3150,
0.0723

149.1086,
166.1094, 141.5422

■ 0.0000, 0.1527,
0.0000

184.8195,

■ 0.0000, 0.0000,

205.0876, 177.8022

0.0000

225.8202,
249.7310, 219.7794

■ 25.4702, 29.6830,
20.6066

■ 25.4702, 29.6830,
20.6066

■ 23.8582, 28.9463,
16.3106

■ 27.2658, 30.4993,
25.6753

■ 22.4198, 28.2822,
12.7474

■ 29.2498, 31.3941,
31.5502

■ 21.1474, 27.6885,
9.8764

■ 31.4298, 32.3715,
38.2650

■ 20.0322, 27.1616,
7.6523

■ 33.8121, 33.4342,
45.8510

■ 19.0638, 26.6974,
6.0246

■ 36.4027, 34.5845,
54.3380

■ 18.2309, 26.2913,
4.9350

■ 39.2074, 35.8249,
63.7542

■ 17.5189, 25.9374,
4.3099

■ 42.2318, 37.1576,
74.1267

■ 17.1794, 25.7673,
4.0681

■ 45.4813, 38.5848,
85.4814

■ 48.9608, 40.1086,
97.8434

Harmonies

Analogous

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



28.1146, 29.6830, 18.9828



25.4702, 29.6830, 20.6066



23.6667, 29.6830, 25.2694

Triad

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



25.4702, 29.6830, 20.6066



25.6297, 29.6830, 48.1629



34.0812, 29.6830, 32.0389

Complementary

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



25.4702, 29.6830, 20.6066



20.6342, 19.0742, 32.7328

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.



33.3067, 29.6830, 40.5728



25.4702, 29.6830, 20.6066



28.3113, 29.6830, 50.7799

Square

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



25.4702, 29.6830, 20.6066



23.7543, 29.6830, 41.1432



31.1455, 29.6830, 47.7964



33.1969, 29.6830, 24.8576

Rectangle

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



25.4702, 29.6830, 20.6066



23.1182, 29.6830, 29.9223



31.1455, 29.6830, 47.7964



34.0058, 29.6830, 34.8419

Sweetspot

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



25.4710, 29.6843, 20.6072



51.5322, 55.8385, 53.9481



23.7446, 23.0353, 19.4148



11.3374, 12.3110, 11.7883



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.



25.4710, 29.6843, 20.6072



43.9120, 52.3812, 32.3105



22.5980, 28.2032, 20.4728



6.5190, 7.1250, 6.6375



14.2332, 21.3134, 3.3637



0.2499, 0.3378, 0.0520

Inverse Universe

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



20.6342, 19.0742, 32.7328



33.6790, 29.9278, 57.9735



23.6292, 20.6183, 32.8730



6.0590, 6.1163, 7.7902



5.8038, 2.4430, 25.0734



0.1215, 0.0544, 0.3765

Previews

White Background



This preview shows how the XYZ color 25.4702, 29.6830, 20.6066 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 25.4702, 29.6830, 20.6066 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 25.4702, 29.6830, 20.6066

Background



This preview shows how black text looks on a background with the XYZ color 25.4702, 29.6830, 20.6066.



This preview shows how white text looks on a background with the XYZ color 25.4702, 29.6830,

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

25.4702, 29.6830, 20.6066

Protanopia

27.6711, 29.6412, 19.8857

Deuteranopia

30.1175, 29.5146, 20.9391



Tritanopia

28.7243, 29.5737, 36.9952

Trichromacy



Original Color

25.4702, 29.6830, 20.6066

Protanomaly

26.8925, 29.7030, 20.2355

Deuteranomaly

28.1292, 29.3958, 20.7144

Tritanomaly

27.3824, 29.4978, 30.2370

Monochromacy



Original Color

25.4702, 29.6830, 20.6066

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.3946, 28.8303, 26.7279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4702, 29.6830, 20.6066 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(141, 153, 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(141, 153, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 153, 115) }
```

Border

The CSS property to change the border of an element to XYZ 25.4702, 29.6830, 20.6066 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, 115) }
```


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

```
.border{ border-color:rgb(141, 153, 115) }
```

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, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 153, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 153, 115);  
box-shadow:4px 4px 4px 4px rgb(141, 153,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4702, 29.6830, 20.6066 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, 115) }
```

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

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