

Converting Colors

XYZ(25.2240, 28.2297, 20.0548)

Have a look what the booklet for
XYZ(25.2240, 28.2297, 20.0548)
contains.

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Color

**XYZ(25.1480, 28.1021,
20.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	919372
RGB	145, 147, 114
RGB Percent	57%, 58%, 45%
CMY	0.4314, 0.4235, 0.5529
CMYK	0.01, 0.00, 0.22, 0.42
HSL	64°, 13%, 51%
HSV	64°, 22%, 58%
XYZ	25.1480, 28.1021, 20.0184
YIQ	142.6400, 9.4010, -10.6870

Conversions

Conversions Part 2

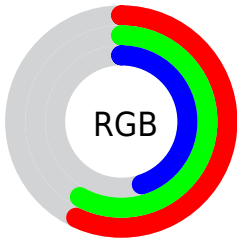
Format	Color
R_{YB}	114, 147, 116
Decimal	9540466
CIE _{Lab}	59.98, -6.51, 17.28
CIE _{LCh}	60, 18.464, 110.657
Yxy	28.1021, 0.3432, 0.3835
Android (android.graphics.Color)	4287730546 (0xFF919372)
YUV	142.6400, -14.1195, 2.0697
Hunter-Lab	53.0114, -8.0916, 14.7186

Details

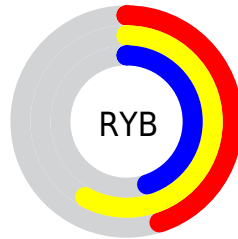
The XYZ color **25.1480, 28.1021, 20.0184** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.4874, 17.8550, 30.0774**, and the grayscale version is **26.0174, 27.3723, 29.8085**.

A 20% lighter version of the original color is **51.3228, 56.6686, 44.3095**, and **9.8742, 11.3224, 6.8193** is the 20% darker color. If you saturate the color by 10%, you get **24.2213, 27.7143, 15.9527**, and if you desaturate by 10%, it is **26.2120, 28.5469, 24.7937**.

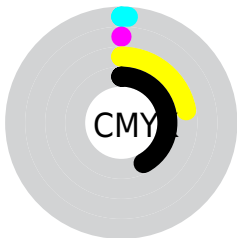
Distribution



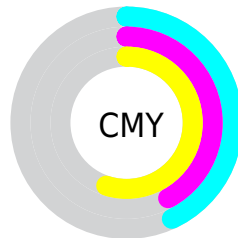
- Red (57%)
- Green (58%)
- Blue (45%)



- Red (45%)
- Yellow (58%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (42%)



- Cyan (43%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1480, 28.1021, 20.0184 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 25.1480, 28.1021, 20.0184 by changing the saturation by 10% instead.

■ 25.1480, 28.1021,
20.0184

■ 25.1480, 28.1021,
20.0184

270.9083,
292.9545, 264.6222

■ 16.3167, 18.4026,
12.2242

■ 51.3384, 56.6474,
44.3074

■ 9.8408, 11.2394,
6.7722

■ 69.4282, 76.2620,
61.6393

■ 5.3550, 6.2281,
3.2438

■ 91.3348, 99.9505,
82.9875

■ 2.4939, 2.9843,
1.2204

■ 117.4236,
128.0973, 108.7706

■ 0.8922, 1.1235,
0.0000

148.0600,
161.0866, 139.4071

■ 0.0000, 0.0000,
0.0000

183.6094,

199.3030, 175.3155

224.4370,
243.1308, 216.9143

■ 25.1480, 28.1021,
20.0184

■ 25.1480, 28.1021,
20.0184

■ 24.2213, 27.7143,
15.9527

■ 26.2120, 28.5469,
24.7937

■ 23.4231, 27.3770,
12.5611

■ 27.4169, 29.0473,
30.3083

■ 22.7474, 27.0889,
9.8076

■ 28.7693, 29.6067,
36.5924

■ 22.1864, 26.8469,
7.6522

■ 30.2743, 30.2274,
43.6741

■ 21.7318, 26.6475,
6.0504

■ 31.9371, 30.9113,
51.5799

■ 21.3739, 26.4870,
4.9515

■ 33.7624, 31.6604,
60.3353

■ 21.1014, 26.3607,
4.2956

■ 35.7549, 32.4765,
69.9644

■ 20.9285, 26.2786,
3.9692

■ 37.9190, 33.3614,
80.4906

■ 40.2589, 34.3168,
91.9363

Harmonies

Analogous

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



27.4504, 28.1021, 19.5250



25.1480, 28.1021, 20.0184



23.3665, 28.1021, 23.1071

Triad

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



25.1480, 28.1021, 20.0184



23.9473, 28.1021, 41.7347



31.4205, 28.1021, 32.7474

Complementary

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



25.1480, 28.1021, 20.0184



18.4874, 17.8550, 30.0774

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.



30.3585, 28.1021, 39.5556



25.1480, 28.1021, 20.0184



25.9835, 28.1021, 45.2229

Square

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



25.1480, 28.1021, 20.0184



22.7020, 28.1021, 35.3933



28.3358, 28.1021, 44.3718



31.1644, 28.1021, 26.2574

Rectangle

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



25.1480, 28.1021, 20.0184



22.6703, 28.1021, 26.5099



28.3358, 28.1021, 44.3718



31.2036, 28.1021, 35.0871

Sweetspot

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



25.1487, 28.1033, 20.0190



48.0520, 51.5831, 49.4711



21.2760, 19.8289, 18.6260



10.9440, 11.7648, 11.1778



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.1487, 28.1033, 20.0190



44.1577, 49.9587, 31.9770



22.5025, 26.7392, 19.8952



6.2310, 6.7269, 6.2105



18.1503, 22.7847, 3.4413



0.2306, 0.2832, 0.0425

Inverse Universe

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



18.4874, 17.8550, 30.0774



30.0372, 28.2329, 53.3009



20.8239, 19.0595, 30.1867



5.5302, 5.6488, 7.2686



4.6704, 1.8803, 24.0478



0.0636, 0.0263, 0.2946

Previews

White Background



This preview shows how the XYZ color 25.1480, 28.1021, 20.0184 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 25.1480, 28.1021, 20.0184 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

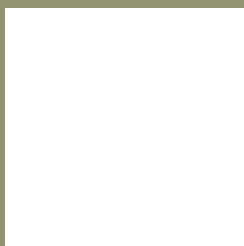
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1480, 28.1021, 20.0184

Background



This preview shows how black text looks on a background with the XYZ color 25.1480, 28.1021, 20.0184.



This preview shows how white text looks on a background with the XYZ color 25.1480, 28.1021,

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

25.1480, 28.1021, 20.0184

Protanopia

26.2803, 28.0088, 19.6439

Deuteranopia

28.5335, 28.0510, 20.4335



Tritanopia

28.0004, 28.1299, 34.0908

Trichromacy



Original Color

25.1480, 28.1021, 20.0184

Protanomaly

25.8685, 28.0224, 19.6682

Deuteranomaly

27.2647, 28.0574, 20.1983

Tritanomaly

26.8462, 28.1065, 28.4362

Monochromacy



Original Color

25.1480, 28.1021, 20.0184

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6397, 27.5418, 25.7945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1480, 28.1021, 20.0184 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(145, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(145, 147, 114)  
}
```

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(145, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 147, 114) }
```

Border

The CSS property to change the border of an element to XYZ 25.1480, 28.1021, 20.0184 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(145, 147, 114) }
```


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

```
.border{ border-color:rgb(145, 147, 114) }
```

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

Here you see how a box with a 4 pixel rgb(145, 147, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 147, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 147, 114);  
box-shadow:4px 4px 4px 4px rgb(145, 147,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1480, 28.1021, 20.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 147, 114) }
```

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

```
.background{ background-color: rgb(145,  
147, 114) }
```

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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