

Converting Colors

XYZ(25.1456, 29.0337, 20.4984)

Have a look what the booklet for
XYZ(25.1456, 29.0337, 20.4984)
contains.

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Color

**XYZ(25.1456, 29.0337,
20.4984)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9773
RGB	141, 151, 115
RGB Percent	55%, 59%, 45%
CMY	0.4471, 0.4078, 0.5490
CMYK	0.07, 0.00, 0.24, 0.41
HSL	77°, 15%, 52%
HSV	77°, 24%, 59%
XYZ	25.1456, 29.0337, 20.4984
YIQ	143.9060, 5.5960, -13.3160

Conversions

Conversions Part 2

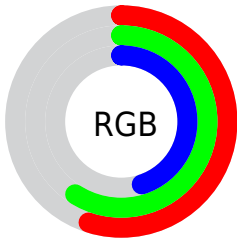
Format	Color
RYB	115, 151, 125
Decimal	9279347
CIELab	60.81, -10.10, 17.81
CIElCh	61, 20.474, 119.570
Yxy	29.0337, 0.3367, 0.3888
Android (android.graphics.Color)	4287469427 (0xFF8D9773)
YUV	143.9060, -14.2507, -2.5486
Hunter-Lab	53.8829, -10.9944, 15.1627

Details

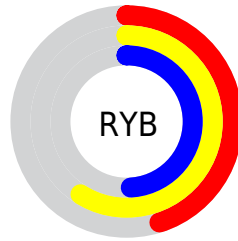
The XYZ color **25.1456, 29.0337, 20.4984** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.1752, 18.8566, 31.8560**, and the grayscale version is **26.5260, 27.9074, 30.3912**.

A 20% lighter version of the original color is **51.3120, 58.0548, 45.0605**, and **9.7867, 11.6932, 7.0514** is the 20% darker color. If you saturate the color by 10%, you get **23.6472, 28.3544, 16.2581**, and if you desaturate by 10%, it is **26.8149, 29.7864, 25.4910**.

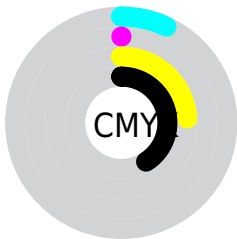
Distribution



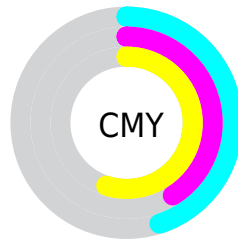
- Red (55%)
- Green (59%)
- Blue (45%)



- Red (45%)
- Yellow (59%)
- Blue (49%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)
- Black (41%)



- Cyan (45%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1456, 29.0337, 20.4984 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 25.1456, 29.0337, 20.4984 by changing the saturation by 10% instead.

■ 25.1456, 29.0337,
20.4984

■ 25.1456, 29.0337,
20.4984

270.8965,
297.3739, 267.2935

■ 16.3149, 19.1063,
12.5702

■ 51.3345, 58.1306,
45.1211

■ 9.8395, 11.7471,
7.0060

■ 69.4234, 78.0690,
62.6527

■ 5.3541, 6.5717,
3.3874

■ 91.3291, 102.1131,
84.2225

■ 2.4934, 3.1957,
1.2957

117.4169,
130.6473, 110.2491

■ 0.8919, 1.2348,
0.0582

148.0522,
164.0561, 141.1509

■ 0.0000, 0.0898,
0.0000

183.6003,

■ 0.0000, 0.0000,

202.7239, 177.3466

0.0000

224.4267,
247.0351, 219.2546

■ 25.1456, 29.0337,
20.4984

■ 25.1456, 29.0337,
20.4984

■ 23.6472, 28.3544,
16.2581

■ 26.8149, 29.7864,
25.4910

■ 22.3102, 27.7419,
12.7317

■ 28.6596, 30.6114,
31.2679

■ 21.1277, 27.1941,
9.8803

■ 30.6869, 31.5126,
37.8618

■ 20.0909, 26.7077,
7.6606

■ 32.9026, 32.4925,
45.3027

■ 19.1905, 26.2789,
6.0240

■ 35.3125, 33.5533,
53.6193

■ 18.4157, 25.9031,
4.9153

■ 37.9221, 34.6972,
62.8388

■ 17.7534, 25.5753,
4.2679

■ 40.7365, 35.9264,
72.9874

■ 17.3797, 25.3886,
3.9845

■ 43.7609, 37.2429,
84.0900

■ 47.0000, 38.6487,
96.1708

Harmonies

Analogous

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



27.6341, 29.0337, 19.1011



25.1456, 29.0337, 20.4984



23.4126, 29.0337, 24.7530

Triad

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



25.1456, 29.0337, 20.4984



25.0831, 29.0337, 46.0149



33.0381, 29.0337, 31.7230

Complementary

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



25.1456, 29.0337, 20.4984



20.1752, 18.8566, 31.8560

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.



32.2495, 29.0337, 39.6355



25.1456, 29.0337, 20.4984



27.5572, 29.0337, 48.6575

Square

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



25.1456, 29.0337, 20.4984



23.3782, 29.0337, 39.4141



30.1999, 29.0337, 46.1565



32.2921, 29.0337, 24.9154

Rectangle

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



25.1456, 29.0337, 20.4984



22.8608, 29.0337, 29.0320



30.1999, 29.0337, 46.1565



32.9430, 29.0337, 34.3421

Sweetspot

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



25.1464, 29.0350, 20.4990



50.1982, 54.3164, 52.4231



23.1411, 22.3841, 19.3210



11.3696, 12.3276, 11.7899



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.



25.1464, 29.0350, 20.4990



43.4548, 51.2809, 32.1908



22.3878, 27.6129, 20.3699



6.5415, 7.1366, 6.6386



14.8131, 21.6123, 3.3909



0.2560, 0.3409, 0.0523

Inverse Universe

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



20.1752, 18.8566, 31.8560



32.8573, 29.5766, 56.4107



22.9762, 20.3005, 31.9871



6.0376, 6.1053, 7.7892



5.5876, 2.3316, 25.0632



0.1154, 0.0513, 0.3762

Previews

White Background



This preview shows how the XYZ color 25.1456, 29.0337, 20.4984 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 25.1456, 29.0337, 20.4984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

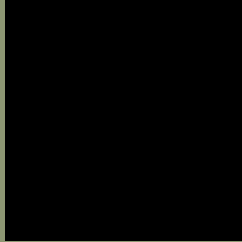
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1456, 29.0337, 20.4984

Background



This preview shows how black text looks on a background with the XYZ color 25.1456, 29.0337, 20.4984.



This preview shows how white text looks on a background with the XYZ color 25.1456, 29.0337,

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

25.1456, 29.0337, 20.4984

Protanopia

26.9698, 28.8179, 19.7637

Deuteranopia

29.5303, 28.9920, 20.8692



Tritanopia

28.2438, 28.8882, 35.9857

Trichromacy



Original Color

25.1456, 29.0337, 20.4984

Protanomaly

26.3897, 28.9740, 20.1212

Deuteranomaly

27.7750, 28.9853, 20.6538

Tritanomaly

26.9933, 28.8402, 29.7352

Monochromacy



Original Color

25.1456, 29.0337, 20.4984

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.9950, 28.4005, 26.3021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1456, 29.0337, 20.4984 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, 151, 115)` looks like.

```
.text, #text, p{  
    color:rgb(141, 151, 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, 151, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 151, 115) }
```

Border

The CSS property to change the border of an element to XYZ 25.1456, 29.0337, 20.4984 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, 151, 115) }
```


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

```
.border{ border-color:rgb(141, 151, 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, 151, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 151, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 151, 115);  
box-shadow:4px 4px 4px 4px rgb(141, 151,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1456, 29.0337, 20.4984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 151, 115) }
```

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

```
.background{ background-color: rgb(141,  
151, 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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