

Converting Colors

XYZ(25.1003, 28.8988, 20.3024)

Have a look what the booklet for
XYZ(25.1003, 28.8988, 20.3024)
contains.

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Color

**XYZ(25.0884, 29.0108,
20.1969)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9772
RGB	141, 151, 114
RGB Percent	55%, 59%, 45%
CMY	0.4471, 0.4078, 0.5529
CMYK	0.07, 0.00, 0.25, 0.41
HSL	76°, 15%, 52%
HSV	76°, 25%, 59%
XYZ	25.0884, 29.0108, 20.1969
YIQ	143.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

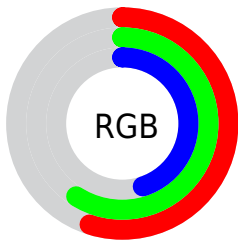
Format	Color
RYB	114, 151, 124
Decimal	9279346
CIELab	60.79, -10.26, 18.34
CIElCh	61, 21.012, 119.228
Yxy	29.0108, 0.3377, 0.3905
Android (android.graphics.Color)	4287469426 (0xFF8D9772)
YUV	143.7920, -14.6875, -2.4486
Hunter-Lab	53.8617, -11.1139, 15.4708

Details

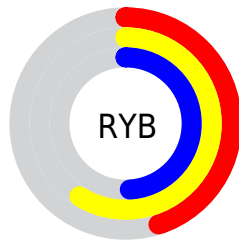
The XYZ color **25.0884, 29.0108, 20.1969** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.9164, 18.5548, 31.8114**, and the grayscale version is **26.4817, 27.8608, 30.3404**.

A 20% lighter version of the original color is **51.2199, 58.0179, 44.5754**, and **9.7570, 11.6813, 6.8947** is the 20% darker color. If you saturate the color by 10%, you get **23.6178, 28.3448, 16.0059**, and if you desaturate by 10%, it is **26.7280, 29.7493, 25.1378**.

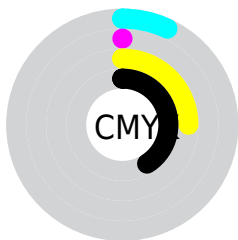
Distribution



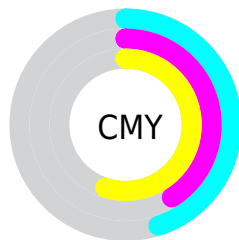
- Red (55%)
- Green (59%)
- Blue (45%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (41%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0884, 29.0108, 20.1969 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 25.0884, 29.0108, 20.1969 by changing the saturation by 10% instead.

■ 25.0884, 29.0108,
20.1969

■ 25.0884, 29.0108,
20.1969

270.6174,
297.2659, 265.6185

■ 16.2720, 19.0890,
12.3528

■ 51.2425, 58.0942,
44.6104

■ 9.8089, 11.7346,
6.8589

■ 69.3108, 78.0247,
62.0168

■ 5.3337, 6.5632,
3.2969

■ 91.1939, 102.0601,
83.4476

■ 2.4811, 3.1905,
1.2482

■ 117.2571,
130.5849, 109.3216

■ 0.8858, 1.2320,
0.0187

147.8656,
163.9835, 140.0571

■ 0.0000, 0.0876,
0.0000

183.3850,

■ 0.0000, 0.0000,

202.6403, 176.0727

0.0000

224.1805,
246.9396, 217.7870

■ 25.0884, 29.0108,
20.1969

■ 25.0884, 29.0108,
20.1969

■ 23.6178, 28.3448,
16.0059

■ 26.7280, 29.7493,
25.1378

■ 22.3067, 27.7446,
12.5262

■ 28.5412, 30.5592,
30.8608

■ 21.1481, 27.2082,
9.7187

■ 30.5350, 31.4444,
37.3986

■ 20.1334, 26.7323,
7.5397

■ 32.7154, 32.4073,
44.7815

■ 19.2530, 26.3130,
5.9404

■ 35.0881, 33.4502,
53.0381

■ 18.4961, 25.9458,
4.8649

■ 37.6586, 34.5753,
62.1958

■ 17.8491, 25.6253,
4.2437

■ 40.4321, 35.7847,
72.2808

■ 17.5204, 25.4611,
3.9911

■ 43.4135, 37.0805,
83.3181

■ 46.6078, 38.4646,
95.3319

Harmonies

Analogous

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



27.6447, 29.0108, 18.8098



25.0884, 29.0108, 20.1969



23.3035, 29.0108, 24.5011

Triad

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



25.0884, 29.0108, 20.1969



24.9735, 29.0108, 46.3521



33.1652, 29.0108, 31.7910

Complementary

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



25.0884, 29.0108, 20.1969



19.9164, 18.5548, 31.8114

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.



32.3365, 29.0108, 39.9242



25.0884, 29.0108, 20.1969



27.5032, 29.0108, 49.1387

Square

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



25.0884, 29.0108, 20.1969



23.2403, 29.0108, 39.5152



30.2184, 29.0108, 46.6143



32.4153, 29.0108, 24.7987

Rectangle

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



25.0884, 29.0108, 20.1969



22.7301, 29.0108, 28.8594



30.2184, 29.0108, 46.6143



33.0611, 29.0108, 34.4830

Sweetspot

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



25.0892, 29.0121, 20.1975



50.2244, 54.3299, 52.4244



22.9917, 22.1770, 18.9888



11.3760, 12.3309, 11.7902



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.



25.0892, 29.0121, 20.1975



43.5551, 51.3326, 32.1955



22.2208, 27.5334, 20.0633



6.5460, 7.1389, 6.6388



14.9324, 21.6738, 3.3964



0.2572, 0.3415, 0.0524

Inverse Universe

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



19.9164, 18.5548, 31.8114



32.7751, 29.5342, 56.4069



22.8225, 20.0529, 31.9474



6.0334, 6.1031, 7.7890



5.5482, 2.3113, 25.0614



0.1142, 0.0507, 0.3761

Previews

White Background



This preview shows how the XYZ color 25.0884, 29.0108, 20.1969 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 25.0884, 29.0108, 20.1969 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

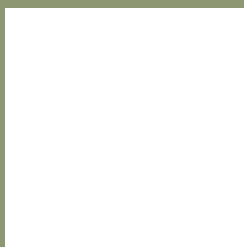
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0884, 29.0108, 20.1969

Background



This preview shows how black text looks on a background with the XYZ color 25.0884, 29.0108, 20.1969.



This preview shows how white text looks on a background with the XYZ color 25.0884, 29.0108,

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

25.0884, 29.0108, 20.1969

Protanopia

27.1081, 28.8957, 19.4779

Deuteranopia

29.4718, 28.9686, 20.5612



Tritanopia

28.2438, 28.8882, 35.9857

Trichromacy



Original Color

25.0884, 29.0108, 20.1969

Protanomaly

26.3330, 28.9514, 19.8231

Deuteranomaly

27.7171, 28.9622, 20.3491

Tritanomaly

26.9185, 28.8103, 29.3415

Monochromacy



Original Color

25.0884, 29.0108, 20.1969

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 25.0884, 29.0108, 20.1969 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(141, 151, 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(141, 151, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 151, 114) }
```

Border

The CSS property to change the border of an element to XYZ 25.0884, 29.0108, 20.1969 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, 114) }
```


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

```
.border{ border-color:rgb(141, 151, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 151, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 151, 114);  
box-shadow:4px 4px 4px 4px rgb(141, 151,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0884, 29.0108, 20.1969 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, 114) }
```

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

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