

Converting Colors

XYZ(27.7942, 28.7574, 20.0548)

Have a look what the booklet for
XYZ(27.7942, 28.7574, 20.0548)
contains.

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Color

**XYZ(27.7085, 28.7385,
20.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	A19072
RGB	161, 144, 114
RGB Percent	63%, 56%, 45%
CMY	0.3686, 0.4353, 0.5529
CMYK	0.00, 0.11, 0.29, 0.37
HSL	38°, 20%, 54%
HSV	38°, 29%, 63%
XYZ	27.7085, 28.7385, 20.0063
YIQ	145.6630, 19.7620, -5.7260

Conversions

Conversions Part 2

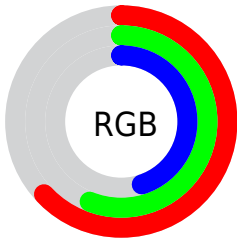
Format	Color
R_{YB}	141, 161, 114
Decimal	10588274
CIE _{Lab}	60.55, 1.58, 18.28
CIE _{LCh}	61, 18.350, 85.071
Yxy	28.7385, 0.3624, 0.3759
Android (android.graphics.Color)	4288778354 (0xFFA19072)
YUV	145.6630, -15.6099, 13.4505
Hunter-Lab	53.6083, -1.5533, 15.3991

Details

The XYZ color **27.7085, 28.7385, 20.0063** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.4886, 22.3827, 36.9061**, and the grayscale version is **27.2405, 28.6591, 31.2098**.

A 20% lighter version of the original color is **55.3959, 57.7403, 44.3017**, and **11.2927, 11.6500, 6.8077** is the 20% darker color. If you saturate the color by 10%, you get **26.0126, 26.6863, 15.3108**, and if you desaturate by 10%, it is **29.6128, 30.9489, 25.5678**.

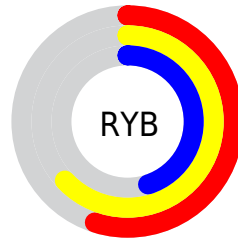
Distribution



Red (63%)

Green (56%)

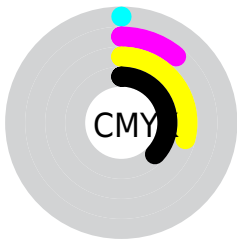
Blue (45%)



Red (55%)

Yellow (63%)

Blue (45%)

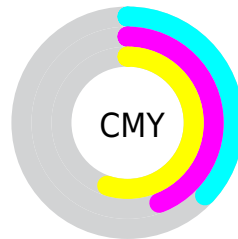


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (37%)



Cyan (37%)

Magenta (44%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7085, 28.7385, 20.0063 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 27.7085, 28.7385, 20.0063 by changing the saturation by 10% instead.

■ 27.7085, 28.7385,
20.0063

■ 27.7085, 28.7385,
20.0063

283.1768,
295.9791, 264.5546

■ 18.2454, 18.8831,
12.2155

■ 55.4306, 57.6614,
44.2869

■ 11.2270, 11.5858,
6.7663

■ 74.4203, 77.4976,
61.6137

■ 6.2882, 6.4623,
3.2402

■ 97.3162, 101.4295,
82.9563

■ 3.0634, 3.1282,
1.2185

■ 124.4838,
129.8416, 108.7332

■ 1.1874, 1.1990,
0.0000

156.2882,
163.1182, 139.3629

■ 0.0964, 0.0609,
0.0000

193.0950,

■ 0.0000, 0.0000,

201.6438, 175.2640

0.0000

235.2694,
245.8026, 216.8551

■ 27.7085, 28.7385,
20.0063

■ 27.7085, 28.7385,
20.0063

■ 26.0126, 26.6863,
15.3108

■ 29.6128, 30.9489,
25.5678

■ 24.5136, 24.7835,
11.4347

■ 31.7316, 33.3179,
32.0349

■ 23.2024, 23.0264,
8.3298

■ 34.0738, 35.8511,
39.4472

■ 22.0680, 21.4096,
5.9420

■ 36.6468, 38.5526,
47.8411

■ 21.0981, 19.9268,
4.2102

■ 39.4578, 41.4261,
57.2512

■ 20.2785, 18.5712,
3.0627

■ 42.5136, 44.4755,
67.7104

■ 19.5801, 17.3299,
2.3504

■ 45.8208, 47.7043,
79.2501

■ 19.5262, 17.2335,
2.2972

■ 49.3855, 51.1158,
91.9005

■ 52.5793, 54.4597,
102.3483

Harmonies

Analogous

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



30.0083, 28.7385, 21.7644



27.7085, 28.7385, 20.0063



25.4292, 28.7385, 20.8959

Triad

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



27.7085, 28.7385, 20.0063



23.3918, 28.7385, 37.1539



31.2242, 28.7385, 39.3746

Complementary

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



27.7085, 28.7385, 20.0063



21.4886, 22.3827, 36.9061

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.



29.2920, 28.7385, 44.6641



27.7085, 28.7385, 20.0063



24.7881, 28.7385, 43.2576

Square

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



27.7085, 28.7385, 20.0063



23.0217, 28.7385, 30.1833



26.9254, 28.7385, 46.1786



32.1116, 28.7385, 32.4261

Rectangle

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



27.7085, 28.7385, 20.0063



24.2141, 28.7385, 22.9496



26.9254, 28.7385, 46.1786



30.6701, 28.7385, 41.4431

Sweetspot

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



27.7092, 28.7398, 20.0069



56.8375, 59.6793, 57.4000



24.8281, 21.2571, 24.3505



12.3457, 12.9568, 12.2177



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.7092, 28.7398, 20.0069



47.6188, 49.0613, 30.2209



29.2488, 33.6471, 20.8729



7.4330, 7.8043, 7.4947



15.6345, 13.8430, 1.8479



0.3709, 0.3757, 0.0530

Inverse Universe

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



21.4886, 22.3827, 36.9061



34.6481, 35.8106, 65.4725



20.2335, 18.6204, 36.2461



6.9004, 7.2598, 8.9407



6.3911, 4.5617, 27.4734



0.1780, 0.1833, 0.5919

Previews

White Background



This preview shows how the XYZ color 27.7085, 28.7385, 20.0063 looks on a white background.

Color Contrast Check

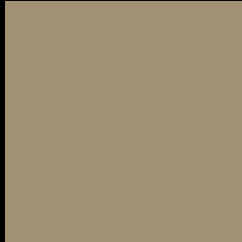
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7085, 28.7385, 20.0063 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 27.7085, 28.7385, 20.0063

Background



This preview shows how black text looks on a background with the XYZ color 27.7085, 28.7385, 20.0063.



This preview shows how white text looks on a background with the XYZ color 27.7085, 28.7385,

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

27.7085, 28.7385, 20.0063

Protanopia

27.0837, 28.8635, 20.3634

Deuteranopia

29.2672, 28.6519, 20.2075



Tritanopia

30.2547, 28.6666, 32.7928

Trichromacy



Original Color

27.7085, 28.7385, 20.0063

Protanomaly

27.3205, 28.7577, 20.3305

Deuteranomaly

28.5557, 28.5030, 20.2162

Tritanomaly

29.3501, 28.7484, 27.6690

Monochromacy



Original Color

27.7085, 28.7385, 20.0063

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1910, 28.5513, 26.6321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7085, 28.7385, 20.0063 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(161, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(161, 144, 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(161, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 144, 114) }
```

Border

The CSS property to change the border of an element to XYZ 27.7085, 28.7385, 20.0063 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(161, 144, 114) }
```


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

```
.border{ border-color:rgb(161, 144, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(161, 144,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7085, 28.7385, 20.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 144, 114) }
```

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

```
.background{ background-color: rgb(161,  
144, 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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