

Converting Colors

XYZ(25.7691, 29.6804, 20.0904)

Have a look what the booklet for
XYZ(25.7691, 29.6804, 20.0904)
contains.

XYZ(25.7105, 29.5780, 19.9768)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7105, 29.5780,
19.9768)**

Conversions

Conversions Part 1

Format	Color
Hex	909871
RGB	144, 152, 113
RGB Percent	56%, 60%, 44%
CMY	0.4353, 0.4039, 0.5569
CMYK	0.05, 0.00, 0.26, 0.40
HSL	72°, 16%, 52%
HSV	72°, 26%, 60%
XYZ	25.7105, 29.5780, 19.9768
YIQ	145.1620, 7.7510, -13.8250

Conversions

Conversions Part 2

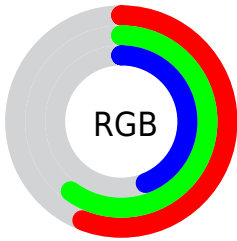
Format	Color
R_{YB}	113, 152, 121
Decimal	9476209
CIE _{Lab}	61.29, -9.77, 19.61
CIE _{LCh}	61, 21.911, 116.492
Yxy	29.5780, 0.3416, 0.3930
Android (android.graphics.Color)	4287666289 (0xFF909871)
YUV	145.1620, -15.8559, -1.0191
Hunter-Lab	54.3857, -10.7901, 16.2917

Details

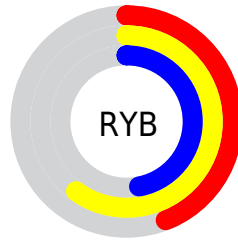
The XYZ color **25.7105, 29.5780, 19.9768** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4588, 18.1429, 32.1837**, and the grayscale version is **27.0404, 28.4486, 30.9805**.

A 20% lighter version of the original color is **52.1515, 58.8650, 44.2107**, and **10.1220, 12.0162, 6.7869** is the 20% darker color. If you saturate the color by 10%, you get **24.3884, 28.9881, 15.8159**, and if you desaturate by 10%, it is **27.1925, 30.2356, 24.8946**.

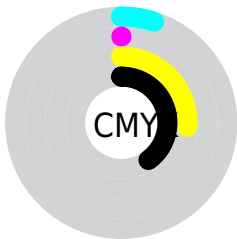
Distribution



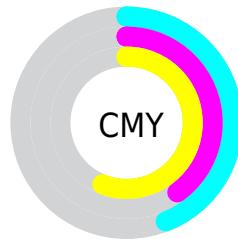
- Red (56%)
- Green (60%)
- Blue (44%)



- Red (44%)
- Yellow (60%)
- Blue (47%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7105, 29.5780, 19.9768 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 25.7105, 29.5780, 19.9768 by changing the saturation by 10% instead.

■ 25.7105, 29.5780,
19.9768

■ 25.7105, 29.5780,
19.9768

273.6409,
299.9324, 264.3896

■ 16.7387, 19.5185,
12.1943

■ 52.2422, 58.9942,
44.2367

■ 10.1425, 12.0455,
6.7520

■ 70.5328, 79.1196,
61.5512

■ 5.5566, 6.7747,
3.2314

■ 92.6604, 103.3692,
82.8801

■ 2.6154, 3.3216,
1.2140

■ 118.9904,
132.1273, 108.6420

■ 0.9538, 1.3018,
0.0000

149.8881,
165.7782, 139.2553

■ 0.0000, 0.1426,
0.0000

185.7188,

■ 0.0000, 0.0000,

204.7065, 175.1386

0.0000

226.8479,
249.2964, 216.7106

■ 25.7105, 29.5780,
19.9768

■ 25.7105, 29.5780,
19.9768

■ 24.3884, 28.9881,
15.8159

■ 27.1925, 30.2356,
24.8946

■ 23.2168, 28.4591,
12.3725

■ 28.8389, 30.9598,
30.6024

■ 22.1884, 27.9891,
9.6063

■ 30.6569, 31.7543,
37.1337

■ 21.2947, 27.5747,
7.4726

■ 32.6523, 32.6216,
44.5193

■ 20.5260, 27.2120,
5.9208

■ 34.8310, 33.5639,
52.7886

■ 19.8711, 26.8964,
4.8931

■ 37.1983, 34.5835,
61.9696

■ 19.3148, 26.6220,
4.3100

■ 39.7593, 35.6825,
72.0888

■ 19.0879, 26.5092,
4.1107

■ 42.5192, 36.8628,
83.1721

■ 45.4826, 38.1263,
95.2439

Harmonies

Analogous

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



28.4538, 29.5780, 18.8087



25.7105, 29.5780, 19.9768



23.7368, 29.5780, 24.2072

Triad

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



25.7105, 29.5780, 19.9768



25.1605, 29.5780, 47.3507



34.0211, 29.5780, 33.1874

Complementary

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



25.7105, 29.5780, 19.9768



19.4588, 18.1429, 32.1837

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.



32.9965, 29.5780, 41.7959



25.7105, 29.5780, 19.9768



27.7749, 29.5780, 50.8069

Square

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



25.7105, 29.5780, 19.9768



23.4349, 29.5780, 39.8243



30.6607, 29.5780, 48.6189



33.3756, 29.5780, 25.6260

Rectangle

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



25.7105, 29.5780, 19.9768



23.0569, 29.5780, 28.6352



30.6607, 29.5780, 48.6189



33.8589, 29.5780, 36.0606

Sweetspot

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



25.7113, 29.5793, 19.9774



50.1474, 54.3136, 51.3642



22.7436, 21.4947, 18.5733



11.3026, 12.3029, 11.3417



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.



25.7113, 29.5793, 19.9774



43.9598, 51.5739, 30.7376



22.6236, 27.9875, 19.8329



6.5848, 7.1589, 6.6406



16.0297, 22.2395, 3.4478



0.2676, 0.3469, 0.0529

Inverse Universe

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



19.4588, 18.1429, 32.1837



30.9426, 27.7573, 56.1605



22.4394, 19.6795, 32.3232



5.9970, 6.0844, 7.7873



5.2525, 2.1588, 25.0476



0.1038, 0.0453, 0.3756

Previews

White Background



This preview shows how the XYZ color 25.7105, 29.5780, 19.9768 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 25.7105, 29.5780, 19.9768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

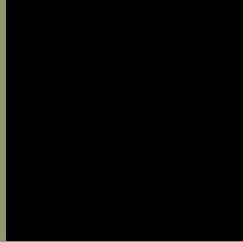
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7105, 29.5780, 19.9768

Background



This preview shows how black text looks on a background with the XYZ color 25.7105, 29.5780, 19.9768.



This preview shows how white text looks on a background with the XYZ color 25.7105, 29.5780,

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

25.7105, 29.5780, 19.9768

Protanopia

27.5597, 29.5966, 19.2991

Deuteranopia

30.0011, 29.4680, 20.3263



Tritanopia

29.0281, 29.5104, 36.5139

Trichromacy



Original Color

25.7105, 29.5780, 19.9768

Protanomaly

26.8089, 29.4370, 19.5982

Deuteranomaly

28.2164, 29.4541, 20.1176

Tritanomaly

27.6851, 29.4287, 29.8123

Monochromacy



Original Color

25.7105, 29.5780, 19.9768

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5006, 28.8930, 26.3705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7105, 29.5780, 19.9768 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(144, 152, 113)` looks like.

```
.text, #text, p{  
    color:rgb(144, 152, 113)  
}
```

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(144, 152, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 152, 113) }
```

Border

The CSS property to change the border of an element to XYZ 25.7105, 29.5780, 19.9768 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(144, 152, 113) }
```


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

```
.border{ border-color:rgb(144, 152, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 152, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 152, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 152, 113);  
box-shadow:4px 4px 4px 4px rgb(144, 152,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7105, 29.5780, 19.9768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 152, 113) }
```

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

```
.background{ background-color: rgb(144,  
152, 113) }
```

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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