

Converting Colors

XYZ(27.7748, 25.6135, 37.6624)

Have a look what the booklet for
XYZ(27.7748, 25.6135, 37.6624)
contains.

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Color

**XYZ(27.7748, 25.6135,
37.6624)**

Conversions

Conversions Part 1

Format	Color
Hex	9983A2
RGB	153, 131, 162
RGB Percent	60%, 51%, 64%
CMY	0.4000, 0.4863, 0.3647
CMYK	0.06, 0.19, 0.00, 0.36
HSL	283°, 14%, 57%
HSV	283°, 19%, 64%
XYZ	27.7748, 25.6135, 37.6624
YIQ	141.1120, 3.1610, 14.3050

Conversions

Conversions Part 2

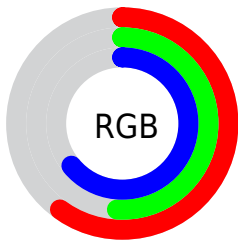
Format	Color
RYB	153, 131, 162
Decimal	10060706
CIELab	57.67, 14.26, -13.38
CIELCh	58, 19.555, 316.831
Yxy	25.6135, 0.3050, 0.2813
Android (android.graphics.Color)	4288250786 (0xFF9983A2)
YUV	141.1120, 10.2978, 10.4258
Hunter-Lab	50.6098, 9.3942, -8.6951

Details

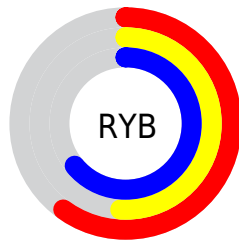
The XYZ color **27.7748, 25.6135, 37.6624** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **27.8330, 33.0554, 26.3872**, and the grayscale version is **25.3220, 26.6407, 29.0117**.

A 20% lighter version of the original color is **55.6773, 52.7006, 72.8834**, and **11.3113, 9.9852, 16.0830** is the 20% darker color. If you saturate the color by 10%, you get **24.8968, 21.1491, 36.9528**, and if you desaturate by 10%, it is **31.0296, 30.7786, 38.4882**.

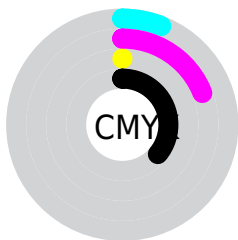
Distribution



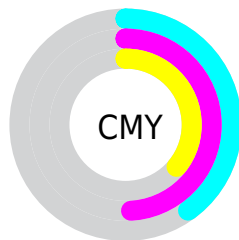
- Red (60%)
- Green (51%)
- Blue (64%)



- Red (60%)
- Yellow (51%)
- Blue (64%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7748, 25.6135, 37.6624 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 27.7748, 25.6135, 37.6624 by changing the saturation by 10% instead.

■ 27.7748, 25.6135,
37.6624

■ 27.7748, 25.6135,
37.6624

283.4889,
280.8796, 351.4242

■ 18.2956, 16.5347,
25.4210

■ 55.5359, 52.6508,
72.7881

■ 11.2634, 9.9033,
16.1691

■ 74.5484, 71.3780,
96.5094

■ 6.3129, 5.3349,
9.4882

■ 97.4694, 94.0903,
124.8944

■ 3.0787, 2.4451,
4.9599

124.6642,
121.1719, 158.3617

■ 1.1955, 0.8489,
2.1654

156.4982,
153.0072, 197.3298

■ 0.1028, 0.0000,
0.6543

193.3368,

■ 0.0000, 0.0000,

189.9807, 242.2172

0.0000

235.5452,
232.4767, 293.4425

■ 27.7748, 25.6135,
37.6624

■ 27.7748, 25.6135,
37.6624

■ 24.8968, 21.1491,
36.9528

■ 31.0296, 30.7786,
38.4882

■ 22.3770, 17.3502,
36.3523

■ 34.6739, 36.6707,
39.4334

■ 20.1989, 14.1839,
35.8559

■ 38.7228, 43.3189,
40.5032

■ 18.3435, 11.6127,
35.4575

■ 43.1898, 50.7496,
41.7021

■ 16.7897, 9.5954,
35.1500

■ 48.0877, 58.9879,
43.0341

■ 15.5139, 8.0851,
34.9257

■ 53.4289, 68.0580,
44.5033

■ 14.4884, 7.0273,
34.7756

■ 59.2251, 77.9828,
46.1135

■ 13.6568, 6.3095,
34.6809

■ 63.6737, 85.1567,
47.2637

■ 13.5879, 6.2514,
34.6733

■ 64.8726, 85.7747,
47.3198

Harmonies

Analogous

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



25.6705, 25.6135, 42.1244



27.7748, 25.6135, 37.6624



28.9922, 25.6135, 30.9276

Triad

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



27.7748, 25.6135, 37.6624



25.3840, 25.6135, 17.1325



20.2885, 25.6135, 31.7872

Complementary

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



27.7748, 25.6135, 37.6624



27.8330, 33.0554, 26.3872

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.



20.2227, 25.6135, 25.0558



27.7748, 25.6135, 37.6624



23.0656, 25.6135, 17.2869

Square

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



27.7748, 25.6135, 37.6624



27.5535, 25.6135, 19.5094



21.2096, 25.6135, 19.9716



21.3955, 25.6135, 38.3780

Rectangle

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



27.7748, 25.6135, 37.6624



29.0893, 25.6135, 26.3846



21.2096, 25.6135, 19.9716



20.1465, 25.6135, 29.4491

Sweetspot

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



27.7756, 25.6146, 37.6630



58.2538, 58.9647, 70.3671



25.3046, 26.2789, 37.9214



12.9950, 13.1006, 15.7813



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.7756, 25.6146, 37.6630



48.0933, 42.8600, 67.7941



29.0011, 26.3085, 34.9138



7.1631, 7.0984, 8.8957



10.7489, 4.9478, 27.3183



0.2691, 0.1262, 0.5760

Inverse Universe

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



27.7510, 25.8084, 28.3307



48.0886, 43.3074, 47.4734



26.8110, 32.4785, 28.5991



7.1544, 7.1182, 7.7996



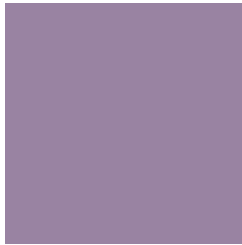
12.1603, 6.2202, 2.7687



0.2750, 0.1385, 0.1610

Previews

White Background



This preview shows how the XYZ color 27.7748, 25.6135, 37.6624 looks on a white background.

Color Contrast Check

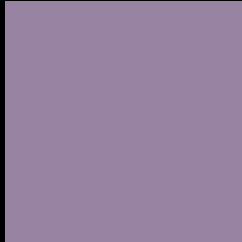
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7748, 25.6135, 37.6624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

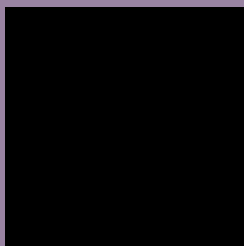
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7748, 25.6135, 37.6624

Background



This preview shows how black text looks on a background with the XYZ color 27.7748, 25.6135, 37.6624.



This preview shows how white text looks on a background with the XYZ color 27.7748, 25.6135,

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

27.7748, 25.6135, 37.6624

Protanopia

25.3443, 25.5500, 39.6723

Deuteranopia

26.0815, 25.5639, 37.2779



Tritanopia

26.2136, 25.5786, 30.3436

Trichromacy



Original Color

27.7748, 25.6135, 37.6624

Protanomaly

26.2707, 25.6200, 39.1578

Deuteranomaly

26.6352, 25.6431, 37.2640

Tritanomaly

26.7359, 25.5887, 32.8081

Monochromacy



Original Color

27.7748, 25.6135, 37.6624

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0475, 26.0810, 32.0951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7748, 25.6135, 37.6624 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(153, 131, 162)` looks like.

```
.text, #text, p{  
    color:rgb(153, 131, 162)  
}
```

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(153, 131, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 131, 162) }
```

Border

The CSS property to change the border of an element to XYZ 27.7748, 25.6135, 37.6624 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(153, 131, 162) }
```


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

```
.border{ border-color:rgb(153, 131, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 131, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 131, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 131, 162);  
box-shadow:4px 4px 4px 4px rgb(153, 131,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7748, 25.6135, 37.6624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 131, 162) }
```

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

```
.background{ background-color: rgb(153,  
131, 162) }
```

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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