

Converting Colors

XYZ(25.0978, 24.7893, 30.7820)

Have a look what the booklet for
XYZ(25.0978, 24.7893, 30.7820)
contains.

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Color

**XYZ(25.0774, 24.7797,
30.6554)**

Conversions

Conversions Part 1

Format	Color
Hex	908592
RGB	144, 133, 146
RGB Percent	56%, 52%, 57%
CMY	0.4353, 0.4784, 0.4274
CMYK	0.01, 0.09, 0.00, 0.43
HSL	291°, 6%, 55%
HSV	291°, 9%, 57%
XYZ	25.0774, 24.7797, 30.6554
YIQ	137.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

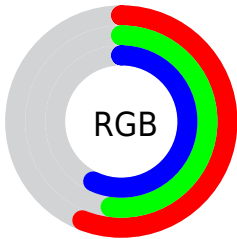
Format	Color
R_{YB}	144, 133, 146
Decimal	9471378
CIE _{Lab}	56.86, 6.64, -5.46
CIE _{LCh}	57, 8.596, 320.548
Yxy	24.7797, 0.3115, 0.3078
Android (android.graphics.Color)	4287661458 (0xFF908592)
YUV	137.7710, 4.0569, 5.4628
Hunter-Lab	49.7792, 2.8098, -1.6670

Details

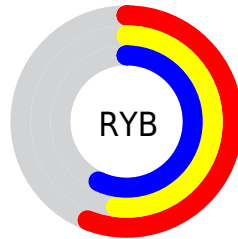
The XYZ color **25.0774, 24.7797, 30.6554** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5053, 27.4029, 26.1894**, and the grayscale version is **24.0553, 25.3080, 27.5604**.

A 20% lighter version of the original color is **51.2729, 51.2937, 61.8419**, and **9.8977, 9.5649, 12.3909** is the 20% darker color. If you saturate the color by 10%, you get **22.8275, 20.8565, 30.0171**, and if you desaturate by 10%, it is **27.6144, 29.2648, 31.3878**.

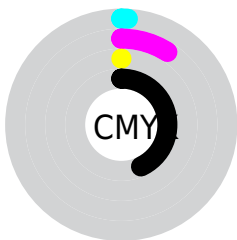
Distribution



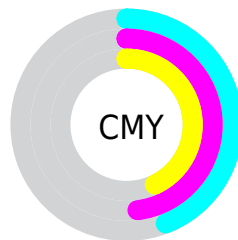
- Red (56%)
- Green (52%)
- Blue (57%)



- Red (56%)
- Yellow (52%)
- Blue (57%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (43%)



- Cyan (44%)
- Magenta (48%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0774, 24.7797, 30.6554 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 25.0774, 24.7797, 30.6554 by changing the saturation by 10% instead.

■ 25.0774, 24.7797,
30.6554

■ 25.0774, 24.7797,
30.6554

270.5637,
276.7391, 319.2495

■ 16.2638, 15.9130,
20.0803

■ 51.2247, 51.2996,
61.7703

■ 9.8030, 9.4626,
12.2688

■ 69.2892, 69.7216,
83.1473

■ 5.3298, 5.0441,
6.8023

■ 91.1679, 92.0975,
108.9619

■ 2.4788, 2.2732,
3.2622

117.2263,
118.8117, 139.6328

■ 0.8846, 0.7595,
1.2300

147.8297,
150.2485, 175.5784

■ 0.0000, 0.0000,
0.0034

183.3436,

■ 0.0000, 0.0000,

186.7924, 217.2174

0.0000

224.1331,
228.8278, 264.9682

■ 25.0774, 24.7797,
30.6554

■ 25.0774, 24.7797,
30.6554

■ 22.8275, 20.8565,
30.0171

■ 27.6144, 29.2648,
31.3878

■ 20.8512, 17.4691,
29.4674

■ 30.4471, 34.3300,
32.2162

■ 19.1368, 14.5943,
29.0029

■ 33.5865, 39.9969,
33.1445

■ 17.6713, 12.2058,
28.6191

■ 37.0422, 46.2847,
34.1760

■ 16.4403, 10.2749,
28.3113

■ 40.8236, 53.2119,
35.3138

■ 15.4278, 8.7699,
28.0742

■ 44.9395, 60.7963,
36.5608

■ 14.6162, 7.6553,
27.9018

■ 49.3985, 69.0549,
37.9199

■ 13.9844, 6.8894,
27.7873

■ 54.2089, 78.0041,
39.3937

■ 13.4858, 6.3786,
27.7150

■ 56.3045, 81.5117,
39.9603

Harmonies

Analogous

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



24.2377, 24.7797, 32.5063



25.0774, 24.7797, 30.6554



25.5119, 24.7797, 27.9006

Triad

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



25.0774, 24.7797, 30.6554



23.8714, 24.7797, 21.8781



21.7875, 24.7797, 28.9719

Complementary

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



25.0774, 24.7797, 30.6554



24.5053, 27.4029, 26.1894

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.



21.6958, 24.7797, 26.0816



25.0774, 24.7797, 30.6554



22.8801, 24.7797, 22.1200

Square

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



25.0774, 24.7797, 30.6554



24.8027, 24.7797, 22.9263



22.0904, 24.7797, 23.6124



22.3448, 24.7797, 31.4874

Rectangle

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



25.0774, 24.7797, 30.6554



25.5052, 24.7797, 25.9796



22.0904, 24.7797, 23.6124



21.7019, 24.7797, 28.0075

Sweetspot

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



25.0781, 24.7808, 30.6559



46.7912, 48.2138, 54.8136



23.5495, 24.4376, 30.6703



10.3335, 10.5918, 12.1720



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.0781, 24.7808, 30.6559



43.2746, 42.0226, 53.8039



25.0999, 24.8302, 28.9307



5.9486, 5.8645, 7.2882



11.8358, 5.5741, 24.3831



0.1639, 0.0780, 0.2993

Inverse Universe

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



24.6157, 24.6365, 26.3811



42.2678, 41.7102, 44.4200



24.4920, 27.3607, 27.7838



5.8350, 5.8291, 6.2375



10.5688, 5.4326, 1.2104



0.1363, 0.0693, 0.0513

Previews

White Background



This preview shows how the XYZ color 25.0774, 24.7797, 30.6554 looks on a white background.

Color Contrast Check

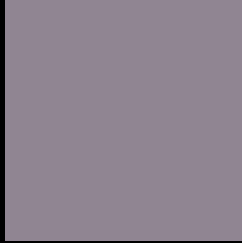
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0774, 24.7797, 30.6554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

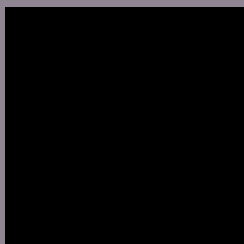
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

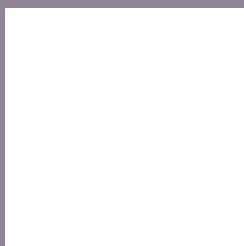
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0774, 24.7797, 30.6554

Background



This preview shows how black text looks on a background with the XYZ color 25.0774, 24.7797, 30.6554.



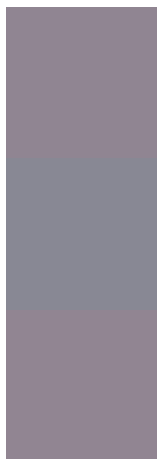
This preview shows how white text looks on a background with the XYZ color 25.0774, 24.7797,

30.6554.

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

25.0774, 24.7797, 30.6554

Protanopia

24.3028, 24.9807, 31.5578

Deuteranopia

25.2529, 24.8701, 30.6636



Tritanopia

24.9232, 24.7180, 29.8430

Trichromacy



Original Color

25.0774, 24.7797, 30.6554

Protanomaly

24.5779, 24.9235, 31.1191

Deuteranomaly

25.2529, 24.8701, 30.6636

Tritanomaly

25.0000, 24.7487, 30.2474

Monochromacy



Original Color

25.0774, 24.7797, 30.6554

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4271, 25.1069, 28.7580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0774, 24.7797, 30.6554 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, 133, 146)` looks like.

```
.text, #text, p{  
    color:rgb(144, 133, 146)  
}
```

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, 133, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 133, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.0774, 24.7797, 30.6554 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, 133, 146) }
```


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

```
.border{ border-color:rgb(144, 133, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 133, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 133, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 133, 146);  
box-shadow:4px 4px 4px 4px rgb(144, 133,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0774, 24.7797, 30.6554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 133, 146) }
```

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

```
.background{ background-color: rgb(144,  
133, 146) }
```

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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