

Converting Colors

XYZ(19.7414, 19.7036, 25.0288)

Have a look what the booklet for
XYZ(19.7414, 19.7036, 25.0288)
contains.

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Color

**XYZ(19.7025, 19.6384,
24.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7885
RGB	127, 120, 133
RGB Percent	50%, 47%, 52%
CMY	0.5020, 0.5294, 0.4784
CMYK	0.05, 0.10, 0.00, 0.48
HSL	272°, 5%, 50%
HSV	272°, 10%, 52%
XYZ	19.7025, 19.6384, 24.9425
YIQ	123.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

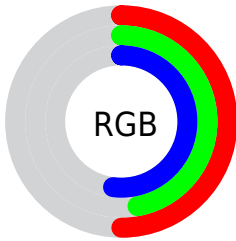
Format	Color
R_{YB}	127, 120, 133
Decimal	8353925
CIE Lab	51.43, 5.28, -6.12
CIE LCh	51, 8.088, 310.797
Yxy	19.6384, 0.3065, 0.3055
Android (android.graphics.Color)	4286544005 (0xFF7F7885)
YUV	123.5750, 4.6465, 3.0037
Hunter-Lab	44.3152, 1.8092, -2.3503

Details

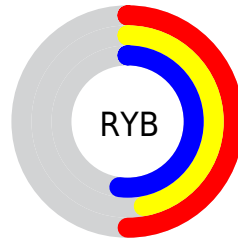
The XYZ color **19.7025, 19.6384, 24.9425** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.3826, 22.5673, 21.0519**, and the grayscale version is **19.0024, 19.9920, 21.7713**.

A 20% lighter version of the original color is **42.4378, 42.7535, 52.4699**, and **7.0595, 6.8945, 9.3462** is the 20% darker color. If you saturate the color by 10%, you get **17.3262, 16.2020, 24.4047**, and if you desaturate by 10%, it is **22.3578, 23.5496, 25.5578**.

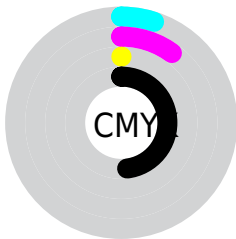
Distribution



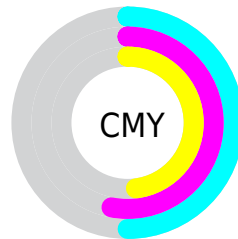
- Red (50%)
- Green (47%)
- Blue (52%)



- Red (50%)
- Yellow (47%)
- Blue (52%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (48%)



- Cyan (50%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7025, 19.6384, 24.9425 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 19.7025, 19.6384, 24.9425 by changing the saturation by 10% instead.

■ 19.7025, 19.6384,
24.9425

■ 19.7025, 19.6384,
24.9425

243.1644,
249.9508, 290.9900

■ 12.2860, 12.1325,
15.8156

■ 42.4256, 42.8101,
52.5269

■ 7.0123, 6.8340,
9.2408

■ 58.4629, 59.2447,
71.8215

■ 3.5162, 3.3585,
4.7996

■ 78.1045, 79.4242,
95.3423

■ 1.4323, 1.3216,
2.0735

101.7157,
103.7332, 123.5080

■ 0.2790, 0.1579,
0.5999

129.6620,
132.5559, 156.7371

■ 0.0000, 0.0000,
0.0000

162.3086,

166.2768, 195.4481

200.0209,
205.2803, 240.0595

■ 19.7025, 19.6384,
24.9425

■ 19.7025, 19.6384,
24.9425

■ 17.3262, 16.2020,
24.4047

■ 22.3578, 23.5496,
25.5578

■ 15.2173, 13.2191,
23.9401

■ 25.3001, 27.9508,
26.2522

■ 13.3654, 10.6707,
23.5459

■ 28.5388, 32.8594,
27.0290

■ 11.7590, 8.5351,
23.2183

■ 32.0827, 38.2915,
27.8907

■ 10.3858, 6.7891,
22.9537

■ 35.9401, 44.2623,
28.8399

■ 9.2318, 5.4067,
22.7477

■ 40.1188, 50.7863,
29.8789

■ 8.2818, 4.3589,
22.5955

■ 44.6265, 57.8776,
31.0101

■ 7.5180, 3.6119,
22.4916

■ 49.4707, 65.5497,
32.2356

■ 6.8906, 3.0680,
22.4197

■ 54.6585, 73.8156,
33.5577

Harmonies

Analogous

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



18.9591, 19.6384, 26.0732



19.7025, 19.6384, 24.9425



20.1763, 19.6384, 22.8847

Triad

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



19.7025, 19.6384, 24.9425



19.1830, 19.6384, 17.4391



17.1764, 19.6384, 22.2298

Complementary

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



19.7025, 19.6384, 24.9425



20.3826, 22.5673, 21.0519

Split Complementary

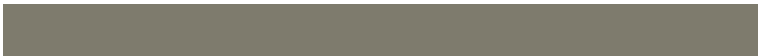
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.2324, 19.6384, 19.9483



19.7025, 19.6384, 24.9425



18.3753, 19.6384, 17.2918

Square

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



19.7025, 19.6384, 24.9425



19.8704, 19.6384, 18.5975



17.6659, 19.6384, 18.1791



17.5107, 19.6384, 24.4334

Rectangle

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



19.7025, 19.6384, 24.9425



20.2676, 19.6384, 21.3209



17.6659, 19.6384, 18.1791



17.1505, 19.6384, 21.4450

Sweetspot

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



19.7031, 19.6392, 24.9429



38.4151, 39.7689, 45.3899



19.4495, 20.6260, 25.1468



8.5744, 8.8412, 10.2073



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.7031, 19.6392, 24.9429



34.1737, 33.5525, 44.4135



20.5937, 20.1018, 24.8287



4.6561, 4.6588, 5.8546



6.5597, 2.9158, 21.3538



0.0312, 0.0144, 0.0744

Inverse Universe

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



20.1559, 19.9267, 22.5235



35.1859, 34.1947, 39.0201



19.5505, 22.1353, 21.1505



4.7553, 4.7218, 5.3240



10.0300, 5.0764, 4.7305



0.0384, 0.0190, 0.0355

Previews

White Background



This preview shows how the XYZ color 19.7025, 19.6384, 24.9425 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 19.7025, 19.6384, 24.9425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

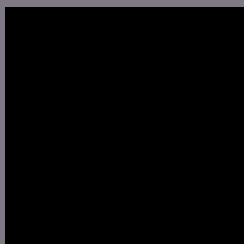
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.7025, 19.6384, 24.9425

Background



This preview shows how black text looks on a background with the XYZ color 19.7025, 19.6384, 24.9425.



This preview shows how white text looks on a background with the XYZ color 19.7025, 19.6384,

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

19.7025, 19.6384, 24.9425

Protanopia

19.1478, 19.7052, 25.3486

Deuteranopia

20.0364, 19.6329, 24.9238



Tritanopia

19.4981, 19.5567, 23.8662

Trichromacy



Original Color

19.7025, 19.6384, 24.9425

Protanomaly

19.3088, 19.6069, 25.3211

Deuteranomaly

19.8837, 19.5542, 24.9167

Tritanomaly

19.5656, 19.5837, 24.2215

Monochromacy



Original Color

19.7025, 19.6384, 24.9425

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.3712, 20.0582, 22.9293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7025, 19.6384, 24.9425 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(127, 120, 133)` looks like.

```
.text, #text, p{  
    color:rgb(127, 120, 133)  
}
```

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(127, 120, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 120, 133) }
```

Border

The CSS property to change the border of an element to XYZ 19.7025, 19.6384, 24.9425 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(127, 120, 133) }
```


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

```
.border{ border-color:rgb(127, 120, 133) }
```

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

Here you see how a box with a 4 pixel rgb(127, 120, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 120, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 120, 133);  
box-shadow:4px 4px 4px 4px rgb(127, 120,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7025, 19.6384, 24.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 120, 133) }
```

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

```
.background{ background-color: rgb(127,  
120, 133) }
```

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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