

Converting Colors

XYZ(20.9418, 20.2773, 25.0004)

Have a look what the booklet for
XYZ(20.9418, 20.2773, 25.0004)
contains.

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Color

**XYZ(20.9418, 20.2773,
25.0005)**

Conversions

Conversions Part 1

Format	Color
Hex	877885
RGB	135, 120, 133
RGB Percent	53%, 47%, 52%
CMY	0.4706, 0.5294, 0.4784
CMYK	0.00, 0.11, 0.01, 0.47
HSL	308°, 6%, 50%
HSV	308°, 11%, 53%
XYZ	20.9418, 20.2773, 25.0005
YIQ	125.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

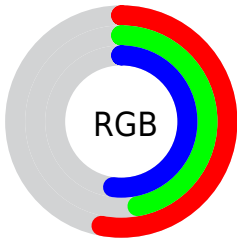
Format	Color
R_{YB}	135, 120, 133
Decimal	8878213
CIE _{Lab}	52.15, 8.24, -4.97
CIE _{LCh}	52, 9.627, 328.917
Yxy	20.2773, 0.3162, 0.3062
Android (android.graphics.Color)	4287068293 (0xFF877885)
YUV	125.9670, 3.4673, 7.9219
Hunter-Lab	45.0303, 4.2101, -1.3961

Details

The XYZ color **20.9418, 20.2773, 25.0005** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.9233, 22.7267, 21.7500**, and the grayscale version is **19.8079, 20.8395, 22.6942**.

A 20% lighter version of the original color is **44.3545, 43.7416, 52.5596**, and **7.6639, 7.2061, 9.3745** is the 20% darker color. If you saturate the color by 10%, you get **19.3082, 17.2072, 23.8478**, and if you desaturate by 10%, it is **22.8076, 23.8079, 26.2417**.

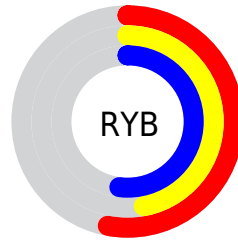
Distribution



Red (53%)

Green (47%)

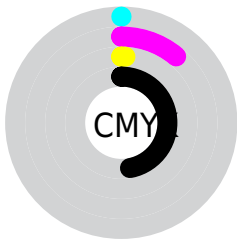
Blue (52%)



Red (53%)

Yellow (47%)

Blue (52%)

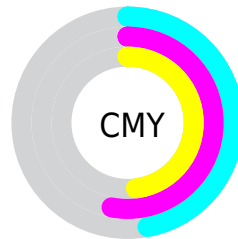


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9418, 20.2773, 25.0005 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 20.9418, 20.2773, 25.0005 by changing the saturation by 10% instead.

■ 20.9418, 20.2773,
25.0005

■ 20.9418, 20.2773,
25.0005

249.7066,
253.4124, 291.2882

■ 13.1937, 12.5968,
15.8584

■ 44.4827, 43.8816,
52.6222

■ 7.6400, 7.1515,
9.2707

■ 61.0061, 60.5742,
71.9388

■ 3.9153, 3.5570,
4.8190

■ 81.1854, 81.0396,
95.4841

■ 1.6543, 1.4290,
2.0846

105.3859,
105.6621, 123.6764

■ 0.4274, 0.2379,
0.6066

133.9728,
134.8263, 156.9345

■ 0.0000, 0.0000,
0.0000

167.3117,

168.9165, 195.6768

205.7679,
208.3170, 240.3218

■ 20.9418, 20.2773,
25.0005

■ 20.9418, 20.2773,
25.0005

■ 19.3082, 17.2072,
23.8478

■ 22.8076, 23.8079,
26.2417

■ 17.8956, 14.5759,
22.7789

■ 24.9129, 27.8142,
27.5730

■ 16.6942, 12.3638,
21.7909

■ 27.2667, 32.3142,
28.9977

■ 15.6932, 10.5489,
20.8800

■ 29.8771, 37.3239,
30.5187

■ 14.8804, 9.1073,
20.0422

■ 32.7519, 42.8588,
32.1385

■ 14.2426, 8.0123,
19.2730

■ 35.8983, 48.9336,
33.8597

■ 13.7647, 7.2337,
18.5672

■ 39.3236, 55.5626,
35.6846

■ 13.4290, 6.7363,
17.9191

■ 43.0345, 62.7593,
37.6156

■ 13.2026, 6.4353,
17.3753

■ 47.0376, 70.5369,
39.6549

Harmonies

Analogous

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



20.2038, 20.2773, 27.1776



20.9418, 20.2773, 25.0005



21.2303, 20.2773, 22.1812

Triad

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



20.9418, 20.2773, 25.0005



19.3088, 20.2773, 17.0849



17.6614, 20.2773, 24.8080

Complementary

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



20.9418, 20.2773, 25.0005



19.9233, 22.7267, 21.7500

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.



17.4398, 20.2773, 21.9762



20.9418, 20.2773, 25.0005



18.3711, 20.2773, 17.6608

Square

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



20.9418, 20.2773, 25.0005



20.2679, 20.2773, 17.7493



17.6952, 20.2773, 19.3936



18.3111, 20.2773, 27.0600

Rectangle

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



20.9418, 20.2773, 25.0005



21.1217, 20.2773, 20.3654



17.6952, 20.2773, 19.3936



17.5354, 20.2773, 23.8851

Sweetspot

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



20.9424, 20.2782, 25.0009



40.1562, 41.3310, 46.5455



19.1166, 19.3208, 25.6438



9.2398, 9.4583, 10.7401



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.9424, 20.2782, 25.0009



36.8301, 35.0450, 44.3075



20.4425, 20.0782, 22.3688



4.8319, 4.7524, 5.7271



12.1778, 5.9355, 16.0403



0.0440, 0.0213, 0.0653

Inverse Universe

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



20.9424, 20.2782, 25.0009



36.8301, 35.0450, 44.3075



20.4062, 22.9199, 24.2926



4.8319, 4.7524, 5.7271



12.1778, 5.9355, 16.0403



0.0440, 0.0213, 0.0653

Previews

White Background



This preview shows how the XYZ color 20.9418, 20.2773, 25.0005 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 20.9418, 20.2773, 25.0005 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 20.9418, 20.2773, 25.0005

Background



This preview shows how black text looks on a background with the XYZ color 20.9418, 20.2773, 25.0005.



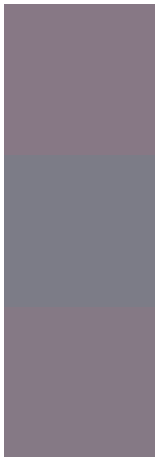
This preview shows how white text looks on a background with the XYZ color 20.9418, 20.2773,

25.0005.

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

20.9418, 20.2773, 25.0005

Protanopia

19.8930, 20.4497, 25.8204

Deuteranopia

20.7439, 20.3547, 25.0258



Tritanopia

20.8583, 20.4373, 23.9645

Trichromacy



Original Color

20.9418, 20.2773, 25.0005

Protanomaly

20.2881, 20.4763, 25.4373

Deuteranomaly

20.9025, 20.4365, 25.0333

Tritanomaly

20.9258, 20.4643, 24.3198

Monochromacy



Original Color

20.9418, 20.2773, 25.0005

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.2234, 20.6674, 23.6922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9418, 20.2773, 25.0005 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(135, 120, 133)` looks like.

```
.text, #text, p{  
    color:rgb(135, 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(135, 120, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 120, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.9418, 20.2773, 25.0005 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(135, 120, 133) }
```


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

```
.border{ border-color:rgb(135, 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(135, 120, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 120, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 120, 133);  
box-shadow:4px 4px 4px 4px rgb(135, 120,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9418, 20.2773, 25.0005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 120, 133) }
```

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

```
.background{ background-color: rgb(135,  
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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