Converting Colors

XYZ(20.2020, 20.3309, 26.4994)

Have a look what the booklet for XYZ(20.2020, 20.3309, 26.4994) contains.

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Color

XYZ(20.2025, 20.4077, 26.5412)

Conversions

Format	Color
Hex	7E7B89
RGB	126, 123, 137
RGB Percent	49%, 48%, 54%
CMY	0.5059, 0.5176, 0.4627
CMYK	0.08, 0.10, 0.00, 0.46
HSL	253°, 6%, 51%
HSV	253°, 10%, 54%
XYZ	20.2025, 20.4077, 26.5412
YIQ	125.4930, -2.7060, 4.9900

Conversions Part 1

Conversions

Conversions Part 2

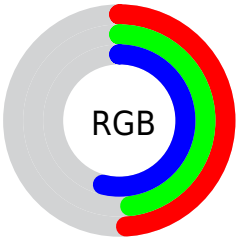
Format	Color
RYB	126, 123, 137
Decimal	8289161
CIELab	52.30, 4.02, -7.18
CIELCh	52, 8.233, 299.229
Yxy	20.4077, 0.3009, 0.3039
Android (android.graphics.Color)	4286479241 (0xFF7E7B89)
YUV	125.4930, 5.6730, 0.4446
Hunter-Lab	45.1749, 0.7703, -3.2117

Details

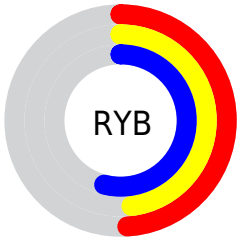
The XYZ color 20.2025, 20.4077, 26.5412 is a dark color, and the websafe version is hex 666666. A complement of this color would be 22.3531, 24.3903, 22.2696, and the grayscale version is 19.6419, 20.6648, 22.5040.

A 20% lighter version of the original color is 43.2146, 43.9614, 54.9229, and 7.2296, 7.1635, 10.0185 is the 20% darker color. If you saturate the color by 10%, you get 17.1176, 16.4690, 25.9439, and if you desaturate by 10%, it is 23.6973, 24.9119, 27.2267.

Distribution

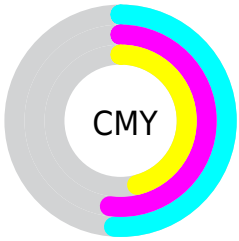


- Red (49%)
- Green (48%)
- Blue (54%)



- Red (49%)
- Yellow (48%)
- Blue (54%)

- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2025, 20.4077, 26.5412 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 20.2025, 20.4077, 26.5412 by changing the saturation by 10% instead.

20.2025, 20.4077, 26.5412

20.2025, 20.4077, 26.5412

245.8220, 254.1138, 299.1183

12.6514, 12.6917, 16.9996

43.2578, 44.0997, 55.1415

7.2643, 7.2166, 10.0722

59.4927, 60.8445, 75.0373

3.6757, 3.5979, 5.3406

79.3530, 81.3677, 99.2215

1.5204, 1.4513, 2.3863

103.2040, 106.0537, 128.1127

0.3396, 0.2541, 0.7790

131.4110, 135.2870, 162.1295

0.0000, 0.0000, 0.0000

164.3395,

169.4518, 201.6903

202.3547, 208.9326, 247.2137

20.2025, 20.4077, 26.5412

20.2025, 20.4077, 26.5412

17.1176, 16.4690, 25.9439

23.6973, 24.9119, 27.2267

14.4257, 13.0709, 25.4298

27.6146, 30.0002, 28.0024

12.1111, 10.1901, 24.9958

31.9688, 35.6935, 28.8718

10.1566, 7.8011, 24.6377

36.7728, 42.0110, 29.8380

8.5434, 5.8759, 24.3511

42.0392, 48.9708, 30.9038

7.2511, 4.3834, 24.1311

47.7800, 56.5904, 32.0720

6.2569, 3.2892, 23.9723

54.0068, 64.8868, 33.3452

5.5347, 2.5530, 23.8683

60.7307, 73.8760, 34.7259

5.0318, 2.0724, 23.8020

67.9625, 83.5739, 36.2166

Harmonies

Analogous

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

19.3750, 20.4077, 27.2144

20.2025, 20.4077, 26.5412

20.8291, 20.4077, 24.6914

Triad

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

20.2025, 20.4077, 26.5412

20.2415, 20.4077, 18.4515

17.8147, 20.4077, 22.1579

Complementary

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

20.2025, 20.4077, 26.5412

22.3531, 24.3903, 22.2696

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.

18.0319, 20.4077, 19.9202

20.2025, 20.4077, 26.5412

19.4188, 20.4077, 17.8783

Square

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

20.2025, 20.4077, 26.5412

20.8521, 20.4077, 20.0214

18.6130, 20.4077, 18.3962

18.0111, 20.4077, 24.5750

Rectangle

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

20.2025, 20.4077, 26.5412

21.0400, 20.4077, 23.1030

18.6130, 20.4077, 18.3962

17.8416, 20.4077, 21.3608

Sweetspot

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

20.2031, 20.4086, 26.5416

40.5782, 42.2095, 48.3917

21.2372, 23.1232, 27.0111

8.9948, 9.3297, 10.8331

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.

20.2031, 20.4086, 26.5416

34.9895, 35.0221, 47.2990

21.2403, 20.9433, 26.5902

4.8683, 4.9405, 6.3029

4.6959, 1.9350, 22.1717

0.0416, 0.0182, 0.1478

Inverse Universe

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

21.7033, 21.2064, 25.5047

38.1770, 36.7178, 45.0748

21.3037, 23.8493, 22.2205

5.1888, 5.1109, 6.0825

12.1187, 5.9576, 13.6614

0.0858, 0.0417, 0.1186

Previews

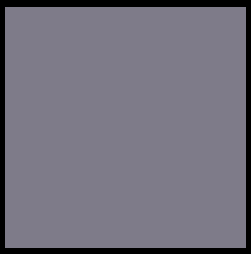
White Background

This preview shows how the XYZ color 20.2025, 20.4077, 26.5412 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



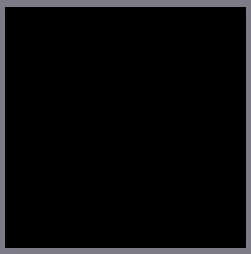
This preview shows how the XYZ color 20.2025, 20.4077, 26.5412 looks on a black background.

Color Contrast Check

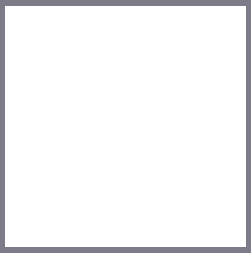
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 20.2025, 20.4077, 26.5412 Background



This preview shows how black text looks on a background with the XYZ color 20.2025, 20.4077, 26.5412.



This preview shows how white text looks on a background with the XYZ color 20.2025, 20.4077,

26.5412.

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
20.2025, 20.4077, 26.5412

Protanopia
19.9635, 20.4612, 26.9420

Deuteranopia
20.7128, 20.3062, 26.4947

Tritanopia
19.8987, 20.4687, 25.0924

Trichromacy

Original Color
20.2025, 20.4077, 26.5412

Protanomaly
20.1073, 20.5354, 26.9487

Deuteranomaly
20.5282, 20.3923, 26.5211

Tritanomaly
19.9682, 20.4965, 25.4580

Monochromacy

Original Color
20.2025, 20.4077, 26.5412

Achromatopsia
19.4927, 20.5079, 22.3331

Achromatomaly
19.6275, 20.3603, 23.6643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2025, 20.4077, 26.5412 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(126, 123, 137) looks like.

```
.text, #text, p{
    color:rgb(126, 123, 137)
}
```

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(126, 123, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 123, 137) }
```

Border

The CSS property to change the border of an element to XYZ 20.2025, 20.4077, 26.5412 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(126, 123, 137) }
```

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

```
.border{ border-color:rgb(126, 123, 137) }
```

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

Here you see how a box with a 4 pixel rgb(126, 123, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 123, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 123, 137); box-shadow:4px 4px 4px 4px rgb(126, 123, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2025, 20.4077, 26.5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(126, 123, 137) }
```

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

```
.background{ background-color:rgb(126,
123, 137) }
```

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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