

Converting Colors

XYZ(20.2304, 21.3296, 26.8901)

Have a look what the booklet for
XYZ(20.2304, 21.3296, 26.8901)
contains.

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Color

**XYZ(20.2606, 21.3821,
26.7262)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8089
RGB	122, 128, 137
RGB Percent	48%, 50%, 54%
CMY	0.5216, 0.4980, 0.4627
CMYK	0.11, 0.07, 0.00, 0.46
HSL	216°, 6%, 51%
HSV	216°, 11%, 54%
XYZ	20.2606, 21.3821, 26.7262
YIQ	127.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

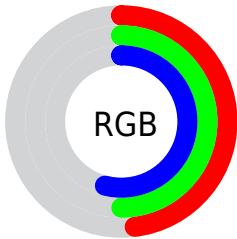
Format	Color
R_{YB}	122, 126, 137
Decimal	8028297
CIE Lab	53.37, -0.31, -5.63
CIE LCh	53, 5.638, 266.883
Yxy	21.3821, 0.2963, 0.3127
Android (android.graphics.Color)	4286218377 (0xFF7A8089)
YUV	127.2320, 4.8156, -4.5885
Hunter-Lab	46.2408, -2.7108, -1.8998

Details

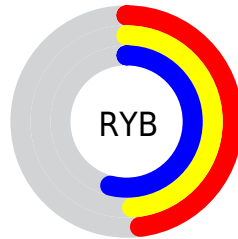
The XYZ color **20.2606, 21.3821, 26.7262** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9458, 22.9560, 21.6871**, and the grayscale version is **20.2386, 21.2926, 23.1877**.

A 20% lighter version of the original color is **43.2737, 45.7641, 55.2678**, and **7.2639, 7.6966, 10.1196** is the 20% darker color. If you saturate the color by 10%, you get **17.4271, 18.3945, 26.2992**, and if you desaturate by 10%, it is **23.4557, 24.6862, 27.1959**.

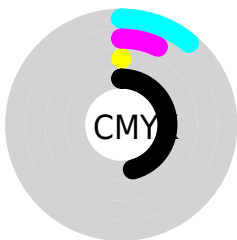
Distribution



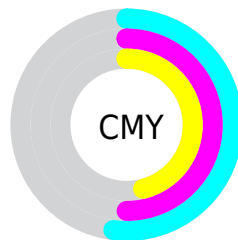
- Red (48%)
- Green (50%)
- Blue (54%)



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



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (52%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2606, 21.3821, 26.7262 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 20.2606, 21.3821, 26.7262 by changing the saturation by 10% instead.

■ 20.2606, 21.3821,
26.7262

■ 20.2606, 21.3821,
26.7262

246.1292,
259.3022, 300.0471

■ 12.6940, 13.4036,
17.1371

■ 43.3543, 45.7226,
55.4426

■ 7.2937, 7.7070,
10.1693

■ 59.6121, 62.8534,
75.4069

■ 3.6944, 3.9081,
5.4043

■ 79.4976, 83.8037,
99.6667

■ 1.5307, 1.6223,
2.4235

103.3763,
108.9579, 128.6406

■ 0.3466, 0.3725,
0.7992

131.6134,
138.7005, 162.7470

■ 0.0000, 0.0000,
0.0000

164.5744,

173.4158, 202.4045

202.6245,
213.4883, 248.0317

■ 20.2606, 21.3821,
26.7262

■ 20.2606, 21.3821,
26.7262

■ 17.4271, 18.3945,
26.2992

■ 23.4557, 24.6862,
27.1959

■ 14.9399, 15.7107,
25.9123

■ 27.0232, 28.3135,
27.7080

■ 12.7853, 13.3211,
25.5646

■ 30.9758, 32.2741,
28.2641

■ 10.9479, 11.2144,
25.2548

■ 35.3250, 36.5765,
28.8654

■ 9.4111, 9.3788,
24.9815

■ 40.0817, 41.2291,
29.5127

■ 8.1567, 7.8012,
24.7431

■ 45.2566, 46.2400,
30.2072

■ 7.1640, 6.4671,
24.5379

■ 50.8598, 51.6170,
30.9497

■ 6.4093, 5.3605,
24.3641

■ 56.9011, 57.3675,
31.7412

■ 5.8730, 4.5213,
24.2304

■ 63.3900, 63.4988,
32.5827

Harmonies

Analogous

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



19.7014, 21.3821, 26.1494



20.2606, 21.3821, 26.7262



20.8473, 21.3821, 26.3433

Triad

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



20.2606, 21.3821, 26.7262



21.3658, 21.3821, 21.8242



19.3753, 21.3821, 21.5286

Complementary

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



20.2606, 21.3821, 26.7262



21.9458, 22.9560, 21.6871

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.



19.8076, 21.3821, 20.4666



20.2606, 21.3821, 26.7262



20.9576, 21.3821, 20.6313

Square

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



20.2606, 21.3821, 26.7262



21.4927, 21.3821, 23.4610



20.3856, 21.3821, 20.1462



19.1966, 21.3821, 23.1029

Rectangle

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



20.2606, 21.3821, 26.7262



21.1738, 21.3821, 25.6051



20.3856, 21.3821, 20.1462



19.4954, 21.3821, 21.1029

Sweetspot

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



20.2612, 21.3830, 26.7267



40.7379, 42.9073, 48.5180



21.0519, 23.6612, 24.8419



9.0390, 9.5227, 10.8680



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.



20.2612, 21.3830, 26.7267



35.0400, 36.9913, 47.6764



19.6795, 19.9551, 26.4817



4.9282, 5.1993, 6.3497



5.4818, 4.2339, 22.5740



0.0501, 0.0555, 0.1545

Inverse Universe

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



21.1729, 20.7964, 23.3213



36.9989, 35.7666, 40.3508



22.5716, 24.5101, 21.9541



5.1104, 5.0796, 5.6697



10.2538, 5.2116, 3.8406



0.0750, 0.0374, 0.0619

Previews

White Background



This preview shows how the XYZ color 20.2606, 21.3821, 26.7262 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 20.2606, 21.3821, 26.7262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

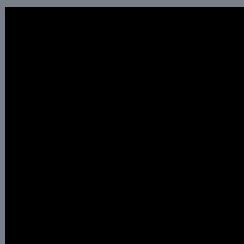
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

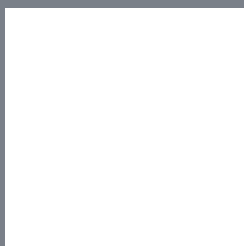
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2606, 21.3821, 26.7262

Background



This preview shows how black text looks on a background with the XYZ color 20.2606, 21.3821, 26.7262.



This preview shows how white text looks on a background with the XYZ color 20.2606, 21.3821,

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

20.2606, 21.3821, 26.7262

Protanopia

20.7857, 21.4683, 26.3408

Deuteranopia

21.7868, 21.4012, 27.0273



Tritanopia

20.3327, 21.4109, 27.1058

Trichromacy



Original Color

20.2606, 21.3821, 26.7262

Protanomaly

20.4908, 21.3163, 26.3270

Deuteranomaly

21.1270, 21.2480, 27.0325

Tritanomaly

20.3327, 21.4109, 27.1058

Monochromacy



Original Color

20.2606, 21.3821, 26.7262

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.1436, 21.1774, 24.4987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2606, 21.3821, 26.7262 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(122, 128, 137)` looks like.

```
.text, #text, p{  
    color:rgb(122, 128, 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(122, 128, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 128, 137) }
```

Border

The CSS property to change the border of an element to XYZ 20.2606, 21.3821, 26.7262 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(122, 128, 137) }
```


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

```
.border{ border-color:rgb(122, 128, 137) }
```

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

Here you see how a box with a 4 pixel rgb(122, 128, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 128, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 128, 137);  
box-shadow:4px 4px 4px 4px rgb(122, 128,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2606, 21.3821, 26.7262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 128, 137) }
```

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

```
.background{ background-color: rgb(122,  
128, 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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