

Converting Colors

XYZ(20.2039, 21.0067, 23.8907)

Have a look what the booklet for
XYZ(20.2039, 21.0067, 23.8907)
contains.

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Color

**XYZ(20.1757, 21.0187,
23.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7E81
RGB	127, 126, 129
RGB Percent	50%, 49%, 51%
CMY	0.5020, 0.5059, 0.4941
CMYK	0.02, 0.02, 0.00, 0.49
HSL	260°, 1%, 50%
HSV	260°, 2%, 51%
XYZ	20.1757, 21.0187, 23.7625
YIQ	126.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

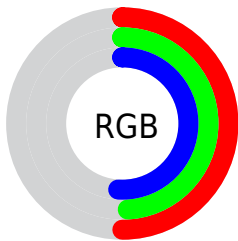
Format	Color
RYB	127, 126, 129
Decimal	8355457
CIELab	52.97, 0.98, -1.50
CIELCh	53, 1.791, 303.146
Yxy	21.0187, 0.3106, 0.3236
Android (android.graphics.Color)	4286545537 (0xFF7F7E81)
YUV	126.6410, 1.1630, 0.3148
Hunter-Lab	45.8462, -1.6776, 1.3617

Details

The XYZ color **20.1757, 21.0187, 23.7625** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5190, 21.7966, 22.8654**, and the grayscale version is **20.0465, 21.0905, 22.9675**.

A 20% lighter version of the original color is **43.3860, 45.3209, 50.7171**, and **7.2437, 7.5066, 8.6566** is the 20% darker color. If you saturate the color by 10%, you get **17.4041, 17.2975, 23.1906**, and if you desaturate by 10%, it is **23.2707, 25.2236, 24.4113**.

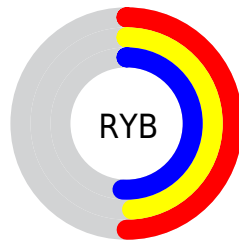
Distribution



Red (50%)

Green (49%)

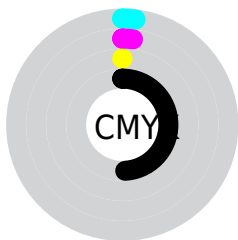
Blue (51%)



Red (50%)

Yellow (49%)

Blue (51%)

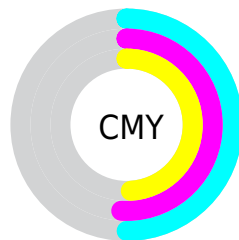


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (49%)



Cyan (50%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1757, 21.0187, 23.7625 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 20.1757, 21.0187, 23.7625 by changing the saturation by 10% instead.

■ 20.1757, 21.0187,
23.7625

■ 20.1757, 21.0187,
23.7625

245.6802,
257.3779, 284.8653

■ 12.6318, 13.1377,
14.9470

■ 43.2133, 45.1187,
50.5813

■ 7.2508, 7.5234,
8.6360

■ 59.4377, 62.1064,
69.4217

■ 3.6671, 3.7915,
4.4110

■ 79.2863, 82.8984,
92.4407

■ 1.5156, 1.5576,
1.8534

103.1245,
107.8793, 120.0570

■ 0.3364, 0.3288,
0.4628

131.3176,
137.4332, 152.6891

■ 0.0000, 0.0000,
0.0000

164.2310,

171.9447, 190.7555

202.2301,
211.7981, 234.6747

■ 20.1757, 21.0187,
23.7625

■ 20.1757, 21.0187,
23.7625

■ 17.4041, 17.2975,
23.1906

■ 23.2707, 25.2236,
24.4113

■ 14.9434, 14.0398,
22.6915

■ 26.6976, 29.9261,
25.1384

■ 12.7827, 11.2279,
22.2626

■ 30.4667, 35.1430,
25.9467

■ 10.9099, 8.8417,
21.9008

■ 34.5876, 40.8894,
26.8387

■ 9.3119, 6.8600,
21.6025

■ 39.0691, 47.1797,
27.8166

7.9747, 5.2592,
21.3640

43.9201, 54.0280,
28.8828

6.8828, 4.0137,
21.1811

49.1487, 61.4477,
30.0394

6.0190, 3.0942,
21.0492

54.7633, 69.4516,
31.2884

5.3633, 2.4667,
20.9626

60.7715, 78.0525,
32.6318

Harmonies

Analogous

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



19.9975, 21.0187, 23.9338



20.1757, 21.0187, 23.7625



20.3015, 21.0187, 23.3561

Triad

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



20.1757, 21.0187, 23.7625



20.1412, 21.0187, 21.9756



19.6193, 21.0187, 22.9426

Complementary

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



20.1757, 21.0187, 23.7625



20.5190, 21.7966, 22.8654

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.



19.6573, 21.0187, 22.4219



20.1757, 21.0187, 23.7625



19.9578, 21.0187, 21.8688

Square

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



20.1757, 21.0187, 23.7625



20.2815, 21.0187, 22.3251



19.7809, 21.0187, 22.0309



19.6769, 21.0187, 23.4558

Rectangle

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



20.1757, 21.0187, 23.7625



20.3383, 21.0187, 23.0094



19.7809, 21.0187, 22.0309



19.6213, 21.0187, 22.7626

Sweetspot

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



20.1763, 21.0196, 23.7630



36.8184, 38.5705, 42.6968



20.2930, 21.4727, 23.8443



8.3425, 8.7422, 9.6661



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



20.1763, 21.0196, 23.7630



35.7405, 37.1140, 42.4725



20.3939, 21.1318, 23.7731



4.5874, 4.7519, 5.4887



4.8366, 2.0470, 20.3902



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.4111, 21.1483, 23.4293



36.2941, 37.4174, 41.6843



20.3024, 21.6849, 22.8553



4.6720, 4.7983, 5.3681



10.4690, 5.2073, 9.0593



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.1757, 21.0187, 23.7625 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 20.1757, 21.0187, 23.7625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

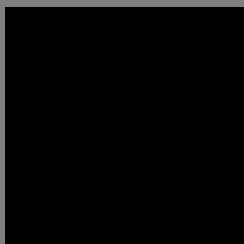
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

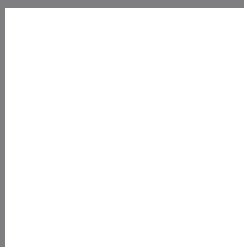
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1757, 21.0187, 23.7625

Background



This preview shows how black text looks on a background with the XYZ color 20.1757, 21.0187, 23.7625.



This preview shows how white text looks on a background with the XYZ color 20.1757, 21.0187,

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

20.1757, 21.0187, 23.7625

Protanopia

20.3254, 21.0959, 23.7695

Deuteranopia

21.4288, 21.0960, 24.0616



Tritanopia

20.6089, 21.0057, 25.8900

Trichromacy



Original Color

20.1757, 21.0187, 23.7625

Protanomaly

20.3254, 21.0959, 23.7695

Deuteranomaly

20.9098, 21.0136, 24.0731

Tritanomaly

20.4693, 20.9499, 25.1552

Monochromacy



Original Color

20.1757, 21.0187, 23.7625

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2381, 21.2493, 23.4569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1757, 21.0187, 23.7625 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, 126, 129) looks like.

```
.text, #text, p{  
    color:rgb(127, 126, 129)  
}
```

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, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 126, 129) }
```

Border

The CSS property to change the border of an element to XYZ 20.1757, 21.0187, 23.7625 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, 126, 129) }
```


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

```
.border{ border-color:rgb(127, 126, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 126, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 126, 129);  
box-shadow:4px 4px 4px 4px rgb(127, 126,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1757, 21.0187, 23.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 126, 129) }
```

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

```
.background{ background-color: rgb(127,  
126, 129) }
```

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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