

Converting Colors

XYZ(19.0030, 20.0846, 20.6432)

Have a look what the booklet for
XYZ(19.0030, 20.0846, 20.6432)
contains.

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Color

**XYZ(19.0553, 20.1313,
20.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7C78
RGB	125, 124, 120
RGB Percent	49%, 49%, 47%
CMY	0.5098, 0.5137, 0.5294
CMYK	0.00, 0.01, 0.04, 0.51
HSL	48°, 2%, 48%
HSV	48°, 4%, 49%
XYZ	19.0553, 20.1313, 20.6507
YIQ	123.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

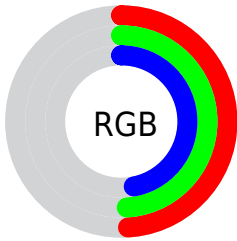
Format	Color
RYB	121, 125, 120
Decimal	8223864
CIELab	51.99, -0.40, 2.31
CIElCh	52, 2.342, 99.917
Yxy	20.1313, 0.3185, 0.3364
Android (android.graphics.Color)	4286413944 (0xFF7D7C78)
YUV	123.8430, -1.8946, 1.0147
Hunter-Lab	44.8679, -2.7103, 4.1190

Details

The XYZ color **19.0553, 20.1313, 20.6507** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2849, 19.1484, 22.1348**, and the grayscale version is **19.1120, 20.1073, 21.8969**.

A 20% lighter version of the original color is **41.3318, 43.4942, 45.2465**, and **6.6663, 7.0365, 7.1377** is the 20% darker color. If you saturate the color by 10%, you get **18.0370, 19.2304, 16.8096**, and if you desaturate by 10%, it is **20.1817, 21.0894, 25.0170**.

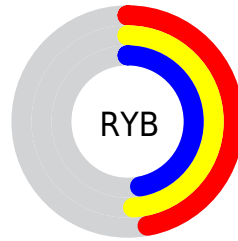
Distribution



Red (49%)

Green (49%)

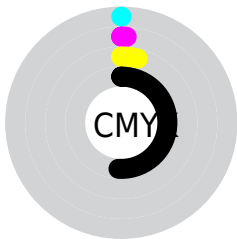
Blue (47%)



Red (47%)

Yellow (49%)

Blue (47%)



Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0553, 20.1313, 20.6507 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 19.0553, 20.1313, 20.6507 by changing the saturation by 10% instead.

■ 19.0553, 20.1313,
20.6507

■ 19.0553, 20.1313,
20.6507

239.6861,
252.6250, 268.1361

■ 11.8145, 12.4905,
12.6802

■ 41.3437, 43.6372,
45.3787

■ 6.6888, 7.0787,
7.0806

■ 57.1219, 60.2711,
62.9732

■ 3.3128, 3.5113,
3.4333

■ 76.4767, 80.6716,
84.6128

■ 1.3213, 1.4042,
1.3199

99.7734, 105.2229,
110.7161

■ 0.1991, 0.2198,
0.0780

127.3774,
134.3095, 141.7015

■ 0.0000, 0.0000,
0.0000

159.6539,

168.3158, 177.9876

196.9683,
207.6262, 219.9930

■ 19.0553, 20.1313,
20.6507

■ 19.0553, 20.1313,
20.6507

■ 18.0370, 19.2304,
16.8096

■ 20.1817, 21.0894,
25.0170

■ 17.1213, 18.3825,
13.4724

■ 21.4181, 22.1036,
29.9261

■ 16.3047, 17.5867,
10.6181

■ 22.7687, 23.1763,
35.3966

■ 15.5826, 16.8411,
8.2238

■ 24.2367, 24.3090,
41.4456

■ 14.9504, 16.1438,
6.2648

■ 25.8254, 25.5029,
48.0896

■ 14.4028, 15.4925,
4.7139

■ 27.5377, 26.7594,
55.3444

■ 13.9341, 14.8849,
3.5411

■ 29.3766, 28.0797,
63.2253

■ 13.5377, 14.3182,
2.7120

■ 31.3450, 29.4652,
71.7468

■ 13.2049, 13.7888,
2.1809

■ 33.4456, 30.9168,
80.9232

Harmonies

Analogous

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



19.2922, 20.1313, 20.7087



19.0553, 20.1313, 20.6507



18.8413, 20.1313, 20.9273

Triad

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



19.0553, 20.1313, 20.6507



18.7845, 20.1313, 22.7735



19.5683, 20.1313, 22.3738

Complementary

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



19.0553, 20.1313, 20.6507



18.2849, 19.1484, 22.1348

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.



19.4301, 20.1313, 22.9427



19.0553, 20.1313, 20.6507



18.9771, 20.1313, 23.1768

Square

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



19.0553, 20.1313, 20.6507



18.6859, 20.1313, 22.1466



19.2133, 20.1313, 23.2394



19.5896, 20.1313, 21.6941

Rectangle

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



19.0553, 20.1313, 20.6507



18.7400, 20.1313, 21.2676



19.2133, 20.1313, 23.2394



19.5339, 20.1313, 22.5847

Sweetspot

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



19.0559, 20.1322, 20.6511



34.7033, 36.5507, 39.2073



18.6255, 19.1737, 20.8087



7.8971, 8.3168, 8.9313



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



19.0559, 20.1322, 20.6511



33.9098, 35.8652, 36.1634



18.9643, 20.2717, 20.6829



4.6885, 4.9606, 4.9750



13.5825, 14.0613, 1.9982



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.2849, 19.1484, 22.1348



32.1552, 33.6263, 39.5401



18.3739, 19.0151, 22.1043



4.4294, 4.6300, 5.4735



4.2210, 2.2604, 20.4638



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.0553, 20.1313, 20.6507 looks on a white background.

Color Contrast Check

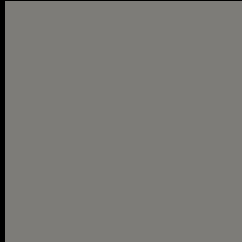
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0553, 20.1313, 20.6507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

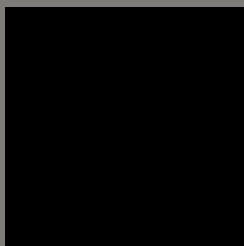
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

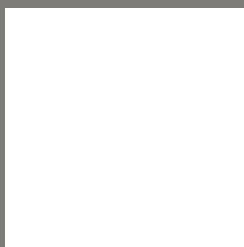
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0553, 20.1313, 20.6507

Background



This preview shows how black text looks on a background with the XYZ color 19.0553, 20.1313, 20.6507.



This preview shows how white text looks on a background with the XYZ color 19.0553, 20.1313,

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

19.0553, 20.1313, 20.6507

Protanopia

19.2255, 20.0340, 20.6230

Deuteranopia

20.4842, 20.1318, 20.8953



Tritanopia

19.8768, 20.0970, 24.6613

Trichromacy



Original Color

19.0553, 20.1313, 20.6507

Protanomaly

19.0773, 19.9576, 20.6160

Deuteranomaly

19.9614, 20.0418, 20.9055

Tritanomaly

19.5834, 20.1601, 23.2812

Monochromacy



Original Color

19.0553, 20.1313, 20.6507

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.0950, 20.1304, 21.6180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0553, 20.1313, 20.6507 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(125, 124, 120)` looks like.

```
.text, #text, p{  
    color:rgb(125, 124, 120)  
}
```

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(125, 124, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 124, 120) }
```

Border

The CSS property to change the border of an element to XYZ 19.0553, 20.1313, 20.6507 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(125, 124, 120) }
```


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

```
.border{ border-color:rgb(125, 124, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 124, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 124, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 124, 120);  
box-shadow:4px 4px 4px 4px rgb(125, 124,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0553, 20.1313, 20.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 124, 120) }
```

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

```
.background{ background-color: rgb(125,  
124, 120) }
```

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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