

Converting Colors

XYZ(19.7053, 20.1917, 24.6874)

Have a look what the booklet for
XYZ(19.7053, 20.1917, 24.6874)
contains.

XYZ(19.7053, 20.1918, 24.6886)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.7053, 20.1918,
24.6886)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7B84
RGB	125, 123, 132
RGB Percent	49%, 48%, 52%
CMY	0.5098, 0.5176, 0.4823
CMYK	0.05, 0.07, 0.00, 0.48
HSL	253°, 4%, 50%
HSV	253°, 7%, 52%
XYZ	19.7053, 20.1918, 24.6886
YIQ	124.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

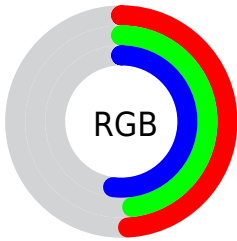
Format	Color
R_{YB}	125, 123, 132
Decimal	8223620
CIE Lab	52.05, 2.59, -4.62
CIE LCh	52, 5.302, 299.288
Yxy	20.1918, 0.3051, 0.3126
Android (android.graphics.Color)	4286413700 (0xFF7D7B84)
YUV	124.6240, 3.6364, 0.3298
Hunter-Lab	44.9353, -0.3598, -1.1207

Details

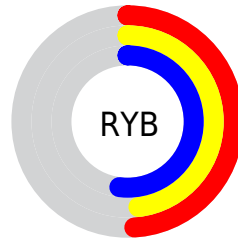
The XYZ color **19.7053, 20.1918, 24.6886** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.0329, 22.6789, 22.0087**, and the grayscale version is **19.3558, 20.3638, 22.1762**.

A 20% lighter version of the original color is **42.4470, 43.6277, 52.0827**, and **6.9906, 7.0586, 9.1776** is the 20% darker color. If you saturate the color by 10%, you get **16.7548, 16.4021, 24.1129**, and if you desaturate by 10%, it is **23.0327, 24.5047, 25.3460**.

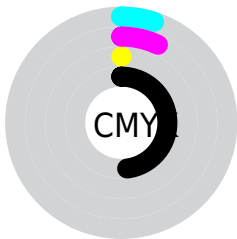
Distribution



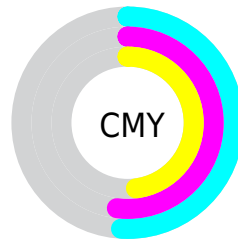
- Red (49%)
- Green (48%)
- Blue (52%)



- Red (49%)
- Yellow (48%)
- Blue (52%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7053, 20.1918, 24.6886 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 19.7053, 20.1918, 24.6886 by changing the saturation by 10% instead.

■ 19.7053, 20.1918,
24.6886

■ 19.7053, 20.1918,
24.6886

243.1793,
252.9516, 289.6814

■ 12.2880, 12.5345,
15.6283

■ 42.4303, 43.7385,
52.1094

■ 7.0137, 7.1088,
9.1100

■ 58.4687, 60.3968,
71.3070

■ 3.5171, 3.5303,
4.7152

■ 78.1115, 80.8241,
94.7208

■ 1.4328, 1.4144,
2.0254

101.7241,
105.4050, 122.7693

■ 0.2794, 0.2273,
0.5708

129.6718,
134.5238, 155.8711

■ 0.0000, 0.0000,
0.0000

162.3200,

168.5649, 194.4447

200.0341,
207.9127, 238.9086

■ 19.7053, 20.1918,
24.6886

■ 19.7053, 20.1918,
24.6886

■ 16.7548, 16.4021,
24.1129

■ 23.0327, 24.5047,
25.3460

■ 14.1661, 13.1131,
23.6145

■ 26.7482, 29.3572,
26.0868

■ 11.9255, 10.3044,
23.1905

■ 30.8643, 34.7681,
26.9143

■ 10.0177, 7.9532,
22.8372

■ 35.3929, 40.7543,
27.8311

■ 8.4263, 6.0349,
22.5508

■ 40.3449, 47.3324,
28.8398

7.1334, 4.5224,
22.3270

45.7311, 54.5180,
29.9428

6.1194, 3.3856,
22.1610

51.5618, 62.3262,
31.1426

5.3620, 2.5900,
22.0474

57.8471, 70.7716,
32.4415

4.8247, 2.0738,
21.9761

64.5966, 79.8683,
33.8416

Harmonies

Analogous

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



19.1788, 20.1918, 25.1022



19.7053, 20.1918, 24.6886



20.1004, 20.1918, 23.5430

Triad

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



19.7053, 20.1918, 24.6886



19.7281, 20.1918, 19.5214



18.1698, 20.1918, 21.9484

Complementary

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



19.7053, 20.1918, 24.6886



21.0329, 22.6789, 22.0087

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.



18.3108, 20.1918, 20.4982



19.7053, 20.1918, 24.6886



19.2046, 20.1918, 19.1379

Square

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



19.7053, 20.1918, 24.6886



20.1137, 20.1918, 20.5594



18.6871, 20.1918, 19.4872



18.2983, 20.1918, 23.4759

Rectangle

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



19.7053, 20.1918, 24.6886



20.2325, 20.1918, 22.5441



18.6871, 20.1918, 19.4872



18.1872, 20.1918, 21.4361

Sweetspot

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



19.7059, 20.1927, 24.6890



37.4239, 39.0768, 44.0233



20.3231, 21.8560, 24.9776



8.7322, 9.1226, 10.2533



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.7059, 20.1927, 24.6890



33.9650, 34.6062, 43.3427



20.3702, 20.5351, 24.7201



4.5241, 4.5908, 5.8484



4.5362, 1.8726, 21.2591



0.0211, 0.0092, 0.0739

Inverse Universe

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



20.6285, 20.6840, 24.0250



35.9003, 35.6369, 41.9414



20.3650, 22.3345, 21.9774



4.8148, 4.7456, 5.6371



11.5705, 5.6925, 12.8423



0.0428, 0.0208, 0.0587

Previews

White Background



This preview shows how the XYZ color 19.7053, 20.1918, 24.6886 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 19.7053, 20.1918, 24.6886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

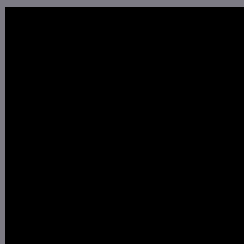
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

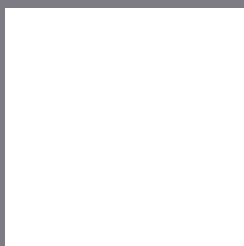
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7053, 20.1918, 24.6886

Background



This preview shows how black text looks on a background with the XYZ color 19.7053, 20.1918, 24.6886.



This preview shows how white text looks on a background with the XYZ color 19.7053, 20.1918,

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

19.7053, 20.1918, 24.6886

Protanopia

19.5600, 20.1169, 24.6818

Deuteranopia

20.5179, 20.2462, 24.6563



Tritanopia

19.7740, 20.2193, 25.0508

Trichromacy



Original Color

19.7053, 20.1918, 24.6886

Protanomaly

19.5600, 20.1169, 24.6818

Deuteranomaly

20.1777, 20.2521, 24.6754

Tritanomaly

19.7740, 20.2193, 25.0508

Monochromacy



Original Color

19.7053, 20.1918, 24.6886

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.5614, 20.3338, 23.3159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7053, 20.1918, 24.6886 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, 123, 132) looks like.

```
.text, #text, p{  
    color:rgb(125, 123, 132)  
}
```

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, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 123, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.7053, 20.1918, 24.6886 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, 123, 132) }
```


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

```
.border{ border-color:rgb(125, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(125, 123,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7053, 20.1918, 24.6886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 123, 132) }
```

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

```
.background{ background-color: rgb(125,  
123, 132) }
```

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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