

Converting Colors

XYZ(20.4624, 20.8241, 26.0009)

Have a look what the booklet for
XYZ(20.4624, 20.8241, 26.0009)
contains.

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Color

**XYZ(20.3332, 20.6766,
25.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7C87
RGB	127, 124, 135
RGB Percent	50%, 49%, 53%
CMY	0.5020, 0.5137, 0.4706
CMYK	0.06, 0.08, 0.00, 0.47
HSL	256°, 4%, 51%
HSV	256°, 8%, 53%
XYZ	20.3332, 20.6766, 25.8410
YIQ	126.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

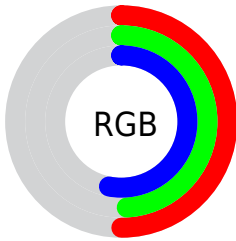
Format	Color
R _Y B	127, 124, 135
Decimal	8354951
CIE Lab	52.59, 3.37, -5.56
CIE LCh	53, 6.505, 301.252
Yxy	20.6766, 0.3042, 0.3093
Android (android.graphics.Color)	4286545031 (0xFF7F7C87)
YUV	126.1510, 4.3626, 0.7446
Hunter-Lab	45.4715, 0.2435, -1.8638

Details

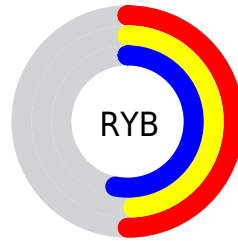
The XYZ color **20.3332, 20.6766, 25.8410** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.8186, 23.6893, 22.4924**, and the grayscale version is **19.8691, 20.9038, 22.7643**.

A 20% lighter version of the original color is **43.4248, 44.3848, 53.8553**, and **7.2977, 7.3077, 9.6202** is the 20% darker color. If you saturate the color by 10%, you get **17.3640, 16.8044, 25.2504**, and if you desaturate by 10%, it is **23.6778, 25.0873, 26.5164**.

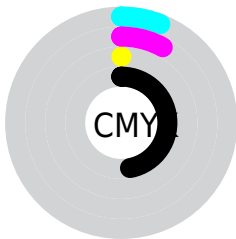
Distribution



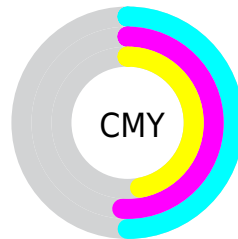
- Red (50%)
- Green (49%)
- Blue (53%)



- Red (50%)
- Yellow (49%)
- Blue (53%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3332, 20.6766, 25.8410 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 20.3332, 20.6766, 25.8410 by changing the saturation by 10% instead.

■ 20.3332, 20.6766,
25.8410

■ 20.3332, 20.6766,
25.8410

246.5126,
255.5548, 295.5813

■ 12.7471, 12.8878,
16.4800

■ 43.4748, 44.5487,
53.9993

■ 7.3305, 7.3513,
9.7064

■ 59.7611, 61.4008,
73.6336

■ 3.7178, 3.6828,
5.1017

■ 79.6781, 82.0427,
97.5296

■ 1.5437, 1.4977,
2.2473

103.5913,
106.8590, 126.1056

■ 0.3553, 0.2871,
0.7015

131.8660,
136.2339, 159.7802

■ 0.0000, 0.0000,
0.0000

164.8675,

170.5520, 198.9720

202.9613,
210.1974, 244.0995

■ 20.3332, 20.6766,
25.8410

■ 20.3332, 20.6766,
25.8410

■ 17.3640, 16.8044,
25.2504

■ 23.6778, 25.0873,
26.5164

■ 14.7550, 13.4474,
24.7399

■ 27.4088, 30.0535,
27.2783

■ 12.4926, 10.5842,
24.3065

■ 31.5388, 35.5949,
28.1302

■ 10.5616, 8.1910,
23.9464

■ 36.0795, 41.7290,
29.0749

■ 8.9455, 6.2421,
23.6554

■ 41.0418, 48.4730,
30.1151

■ 7.6266, 4.7090,
23.4290

■ 46.4364, 55.8432,
31.2534

■ 6.5850, 3.5602,
23.2621

■ 52.2737, 63.8552,
32.4922

■ 5.7983, 2.7590,
23.1490

■ 58.5636, 72.5241,
33.8339

■ 5.2227, 2.2275,
23.0767

■ 65.3156, 81.8647,
35.2810

Harmonies

Analogous

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



19.6809, 20.6766, 26.4355



20.3332, 20.6766, 25.8410



20.8119, 20.6766, 24.3478

Triad

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



20.3332, 20.6766, 25.8410



20.2830, 20.6766, 19.4107



18.3839, 20.6766, 22.5946

Complementary

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



20.3332, 20.6766, 25.8410



21.8186, 23.6893, 22.4924

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.



18.5370, 20.6766, 20.7734



20.3332, 20.6766, 25.8410



19.6242, 20.6766, 18.9996

Square

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



20.3332, 20.6766, 25.8410



20.7824, 20.6766, 20.6404



18.9871, 20.6766, 19.4843



18.5642, 20.6766, 24.4963

Rectangle

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



20.3332, 20.6766, 25.8410



20.9627, 20.6766, 23.0830



18.9871, 20.6766, 19.4843



18.3981, 20.6766, 21.9530

Sweetspot

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



20.3338, 20.6775, 25.8415



39.9862, 41.7308, 46.9957



20.9464, 22.5556, 26.1717



9.2796, 9.6898, 10.8876



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.



20.3338, 20.6775, 25.8415



35.2542, 35.5101, 46.0444



21.1651, 21.1060, 25.8804



4.5448, 4.6015, 5.8494



4.7411, 1.9783, 21.2687



0.0227, 0.0101, 0.0740

Inverse Universe

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



21.3649, 21.2331, 24.8033



37.5461, 36.7454, 43.7188



20.9908, 23.2625, 22.4536



4.8052, 4.7417, 5.5863



11.2611, 5.5688, 11.2132



0.0421, 0.0205, 0.0550

Previews

White Background



This preview shows how the XYZ color 20.3332, 20.6766, 25.8410 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 20.3332, 20.6766, 25.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

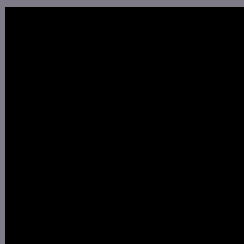
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

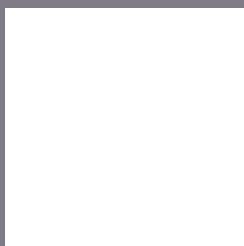
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3332, 20.6766, 25.8410

Background



This preview shows how black text looks on a background with the XYZ color 20.3332, 20.6766, 25.8410.



This preview shows how white text looks on a background with the XYZ color 20.3332, 20.6766,

25.8410.

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

20.3332, 20.6766, 25.8410

Protanopia

20.1642, 20.7765, 25.8692

Deuteranopia

21.0056, 20.6549, 25.8013



Tritanopia

20.2631, 20.6486, 25.4718

Trichromacy



Original Color

20.3332, 20.6766, 25.8410

Protanomaly

20.3110, 20.8521, 25.8760

Deuteranomaly

20.8162, 20.7405, 25.8279

Tritanomaly

20.2631, 20.6486, 25.4718

Monochromacy



Original Color

20.3332, 20.6766, 25.8410

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9002, 20.6878, 23.7132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3332, 20.6766, 25.8410 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, 124, 135)` looks like.

```
.text, #text, p{  
    color:rgb(127, 124, 135)  
}
```

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, 124, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 124, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.3332, 20.6766, 25.8410 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, 124, 135) }
```


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

```
.border{ border-color:rgb(127, 124, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 124, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 124, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 124, 135);  
box-shadow:4px 4px 4px 4px rgb(127, 124,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3332, 20.6766, 25.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 124, 135) }
```

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

```
.background{ background-color: rgb(127,  
124, 135) }
```

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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