

Converting Colors

XYZ(20.6565, 19.0260, 27.7830)

Have a look what the booklet for
XYZ(20.6565, 19.0260, 27.7830)
contains.

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Color

**XYZ(20.6565, 19.0260,
27.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	86728D
RGB	134, 114, 141
RGB Percent	53%, 45%, 55%
CMY	0.4745, 0.5529, 0.4471
CMYK	0.05, 0.19, 0.00, 0.45
HSL	284°, 11%, 50%
HSV	284°, 19%, 55%
XYZ	20.6565, 19.0260, 27.7830
YIQ	123.0580, 3.2530, 12.6370

Conversions

Conversions Part 2

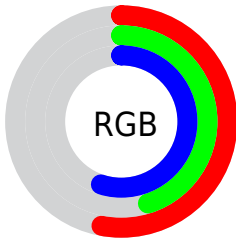
Format	Color
R_YB	134, 114, 141
Decimal	8811149
CIE _{Lab}	50.72, 13.04, -11.82
CIE _{LCh}	51, 17.601, 317.798
Yxy	19.0260, 0.3062, 0.2820
Android (android.graphics.Color)	4287001229 (0xFF86728D)
YUV	123.0580, 8.8454, 9.5961
Hunter-Lab	43.6188, 8.1991, -7.2316

Details

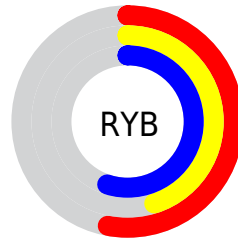
The XYZ color **20.6565, 19.0260, 27.7830** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.4480, 24.3301, 19.5389**, and the grayscale version is **18.8173, 19.7973, 21.5592**.

A 20% lighter version of the original color is **43.9801, 41.7774, 57.3756**, and **7.4927, 6.5366, 10.7643** is the 20% darker color. If you saturate the color by 10%, you get **18.6146, 15.7920, 27.2667**, and if you desaturate by 10%, it is **22.9649, 22.7624, 28.3828**.

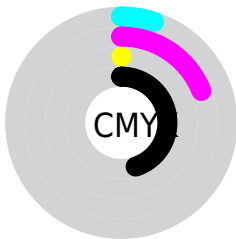
Distribution



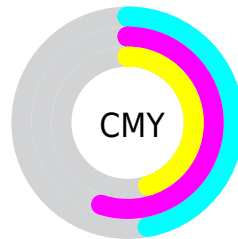
- Red (53%)
- Green (45%)
- Blue (55%)



- Red (53%)
- Yellow (45%)
- Blue (55%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6565, 19.0260, 27.7830 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 20.6565, 19.0260, 27.7830 by changing the saturation by 10% instead.

■ 20.6565, 19.0260,
27.7830

■ 20.6565, 19.0260,
27.7830

248.2137,
246.5923, 305.3078

■ 12.9842, 11.6891,
17.9245

■ 44.0107, 41.7780,
57.1567

■ 7.4946, 6.5323,
10.7269

■ 60.4234, 57.9619,
77.5091

■ 3.8223, 3.1714,
5.7717

■ 80.4802, 77.8636,
102.1964

■ 1.6021, 1.2219,
2.6402

■ 104.5464,
101.8674, 131.6374

■ 0.3938, 0.0794,
0.9131

132.9876,
130.3578, 166.2505

■ 0.0000, 0.0000,
0.0000

166.1689,

163.7191, 206.4542

204.4559,
202.3358, 252.6671

■ 20.6565, 19.0260,
27.7830

■ 20.6565, 19.0260,
27.7830

■ 18.6146, 15.7920,
27.2667

■ 22.9649, 22.7624,
28.3828

■ 16.8260, 13.0354,
26.8289

■ 25.5488, 27.0198,
29.0684

■ 15.2791, 10.7329,
26.4660

■ 28.4187, 31.8188,
29.8434

■ 13.9605, 8.8580,
26.1736

■ 31.5842, 37.1783,
30.7111

■ 12.8555, 7.3816,
25.9468

■ 35.0544, 43.1161,
31.6743

■ 11.9475, 6.2708,
25.7803

■ 38.8380, 49.6493,
32.7359

■ 11.2172, 5.4873,
25.6676

■ 42.9433, 56.7942,
33.8986

■ 10.6177, 4.9376,
25.5931

■ 47.3782, 64.5666,
35.1651

■ 10.5682, 4.8927,
25.5870

■ 52.1506, 72.9817,
36.5379

Harmonies

Analogous

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



19.1176, 19.0260, 31.1534



20.6565, 19.0260, 27.7830



21.5270, 19.0260, 22.7917

Triad

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



20.6565, 19.0260, 27.7830



18.7946, 19.0260, 12.7424



15.1028, 19.0260, 23.7607

Complementary

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



20.6565, 19.0260, 27.7830



20.4480, 24.3301, 19.5389

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.



15.0286, 19.0260, 18.7705



20.6565, 19.0260, 27.7830



17.0876, 19.0260, 12.9169

Square

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



20.6565, 19.0260, 27.7830



20.4071, 19.0260, 14.4401



15.7338, 19.0260, 14.9623



15.9436, 19.0260, 28.5890

Rectangle

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



20.6565, 19.0260, 27.7830



21.5768, 19.0260, 19.4525



15.7338, 19.0260, 14.9623



14.9894, 19.0260, 22.0332

Sweetspot

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



20.6571, 19.0268, 27.7834



42.4698, 42.9646, 51.1825



18.6096, 19.2247, 27.9295



9.4305, 9.5056, 11.4172



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.6571, 19.0268, 27.7834



35.3462, 31.4481, 49.3350



21.3545, 19.4390, 25.4382



5.4917, 5.4416, 6.7897



9.6513, 4.4690, 23.3310



0.1128, 0.0533, 0.2240

Inverse Universe

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



20.4537, 19.0786, 20.6946



34.9451, 31.5782, 34.0971



19.8734, 23.9910, 21.4490



5.4627, 5.4456, 5.9347



10.3198, 5.2849, 2.0695



0.1066, 0.0537, 0.0617

Previews

White Background



This preview shows how the XYZ color 20.6565, 19.0260, 27.7830 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 20.6565, 19.0260, 27.7830 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 20.6565, 19.0260, 27.7830

Background



This preview shows how black text looks on a background with the XYZ color 20.6565, 19.0260, 27.7830.



This preview shows how white text looks on a background with the XYZ color 20.6565, 19.0260,

27.7830.

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

20.6565, 19.0260, 27.7830

Protanopia

19.0298, 19.1903, 29.4892

Deuteranopia

19.3804, 19.0613, 27.4687



Tritanopia

19.6429, 19.1345, 22.3967

Trichromacy



Original Color

20.6565, 19.0260, 27.7830

Protanomaly

19.6809, 19.1814, 29.0507

Deuteranomaly

19.8473, 19.1281, 27.4570

Tritanomaly

20.0150, 19.1160, 24.1076

Monochromacy



Original Color

20.6565, 19.0260, 27.7830

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.4981, 19.5567, 23.8662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6565, 19.0260, 27.7830 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(134, 114, 141)` looks like.

```
.text, #text, p{  
    color:rgb(134, 114, 141)  
}
```

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(134, 114, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 114, 141) }
```

Border

The CSS property to change the border of an element to XYZ 20.6565, 19.0260, 27.7830 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(134, 114, 141) }
```


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

```
.border{ border-color:rgb(134, 114, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 114, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 114, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 114, 141);  
box-shadow:4px 4px 4px 4px rgb(134, 114,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6565, 19.0260, 27.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 114, 141) }
```

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

```
.background{ background-color: rgb(134,  
114, 141) }
```

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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