

Converting Colors

XYZ(20.4309, 19.1463, 25.0872)

Have a look what the booklet for
XYZ(20.4309, 19.1463, 25.0872)
contains.

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Color

**XYZ(20.4255, 19.1336,
25.1709)**

Conversions

Conversions Part 1

Format	Color
Hex	877386
RGB	135, 115, 134
RGB Percent	53%, 45%, 53%
CMY	0.4706, 0.5490, 0.4745
CMYK	0.00, 0.15, 0.01, 0.47
HSL	303°, 8%, 49%
HSV	303°, 15%, 53%
XYZ	20.4255, 19.1336, 25.1709
YIQ	123.1460, 5.8210, 10.1490

Conversions

Conversions Part 2

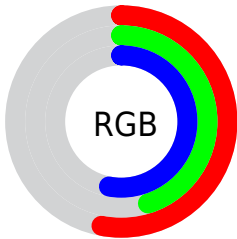
Format	Color
R_{YB}	135, 115, 134
Decimal	8876934
CIE _{Lab}	50.84, 11.37, -7.50
CIE _{LCh}	51, 13.623, 326.596
Yxy	19.1336, 0.3155, 0.2956
Android (android.graphics.Color)	4287067014 (0xFF877386)
YUV	123.1460, 5.3510, 10.3960
Hunter-Lab	43.7420, 6.8029, -3.4985

Details

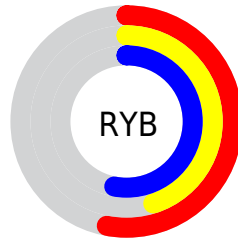
The XYZ color **20.4255, 19.1336, 25.1709** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8873, 22.2343, 19.8202**, and the grayscale version is **18.8569, 19.8390, 21.6046**.

A 20% lighter version of the original color is **43.5274, 41.9167, 52.8103**, and **7.3537, 6.5857, 9.2711** is the 20% darker color. If you saturate the color by 10%, you get **18.9507, 16.2588, 24.4479**, and if you desaturate by 10%, it is **22.1272, 22.4611, 25.9715**.

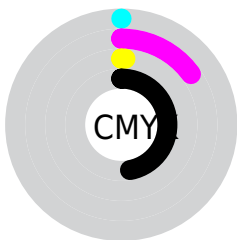
Distribution



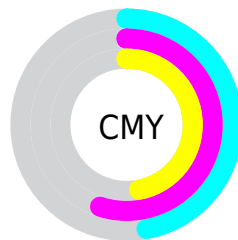
- Red (53%)
- Green (45%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4255, 19.1336, 25.1709 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 20.4255, 19.1336, 25.1709 by changing the saturation by 10% instead.

■ 20.4255, 19.1336,
25.1709

■ 20.4255, 19.1336,
25.1709

246.9993,
247.1853, 292.1628

■ 12.8148, 11.7669,
15.9842

■ 43.6279, 41.9597,
52.9019

■ 7.3772, 6.5851,
9.3588

■ 59.9504, 58.1879,
72.2833

■ 3.7475, 3.2040,
4.8759

■ 79.9074, 78.1387,
95.9001

■ 1.5603, 1.2392,
2.1172

■ 103.8644,
102.1964, 124.1707

■ 0.3663, 0.0933,
0.6260

132.1868,
130.7456, 157.5138

■ 0.0000, 0.0000,
0.0000

165.2398,

164.1705, 196.3478

203.3888,
202.8556, 241.0913

■ 20.4255, 19.1336,
25.1709

■ 20.4255, 19.1336,
25.1709

■ 18.9507, 16.2588,
24.4479

■ 22.1272, 22.4611,
25.9715

■ 17.6913, 13.8147,
23.7980

■ 24.0633, 26.2572,
26.8514

■ 16.6375, 11.7812,
23.2181

■ 26.2430, 30.5399,
27.8140

■ 15.7778, 10.1356,
22.7043

■ 28.6744, 35.3258,
28.8621

■ 15.0999, 8.8530,
22.2527

■ 31.3656, 40.6305,
29.9982

■ 14.5898, 7.9055,
21.8584

■ 34.3238, 46.4690,
31.2248

■ 14.2317, 7.2615,
21.5163

■ 37.5564, 52.8557,
32.5444

■ 14.0037, 6.8773,
21.2190

■ 41.0702, 59.8043,
33.9592

■ 13.9045, 6.7161,
21.0717

■ 44.8720, 67.3283,
35.4715

Harmonies

Analogous

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



19.3654, 19.1336, 28.1621



20.4255, 19.1336, 25.1709



20.8844, 19.1336, 21.2750

Triad

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



20.4255, 19.1336, 25.1709



18.3395, 19.1336, 14.2945



15.9754, 19.1336, 24.3188

Complementary

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



20.4255, 19.1336, 25.1709



18.8873, 22.2343, 19.8202

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.



15.7305, 19.1336, 20.3977



20.4255, 19.1336, 25.1709



17.0553, 19.1336, 14.9009

Square

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



20.4255, 19.1336, 25.1709



19.6434, 19.1336, 15.2544



16.1163, 19.1336, 17.0249



16.8024, 19.1336, 27.6292

Rectangle

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



20.4255, 19.1336, 25.1709



20.7718, 19.1336, 18.7936



16.1163, 19.1336, 17.0249



15.8241, 19.1336, 23.0154

Sweetspot

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



20.4261, 19.1344, 25.1713



39.8615, 40.6862, 46.6184



17.7072, 17.7247, 25.4100



9.1800, 9.3215, 10.7725



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.



20.4261, 19.1344, 25.1713



35.5845, 32.3257, 44.5957



19.7612, 18.8685, 21.6700



4.8481, 4.7589, 5.8124



12.8230, 6.1936, 19.4382



0.0452, 0.0218, 0.0714

Inverse Universe

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



20.4261, 19.1344, 25.1713



35.5845, 32.3257, 44.5957



19.5008, 22.4797, 23.0505



4.8481, 4.7589, 5.8124



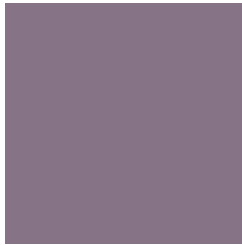
12.8230, 6.1936, 19.4382



0.0452, 0.0218, 0.0714

Previews

White Background



This preview shows how the XYZ color 20.4255, 19.1336, 25.1709 looks on a white background.

Color Contrast Check

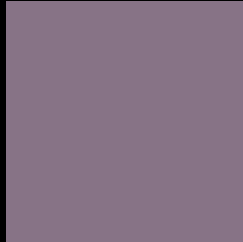
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4255, 19.1336, 25.1709 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 20.4255, 19.1336, 25.1709

Background



This preview shows how black text looks on a background with the XYZ color 20.4255, 19.1336, 25.1709.



This preview shows how white text looks on a background with the XYZ color 20.4255, 19.1336,

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

20.4255, 19.1336, 25.1709

Protanopia

18.8396, 19.1610, 26.3724

Deuteranopia

19.4645, 19.1623, 24.8631



Tritanopia

19.8428, 19.0655, 22.3728

Trichromacy



Original Color

20.4255, 19.1336, 25.1709

Protanomaly

19.3798, 19.0944, 25.9567

Deuteranomaly

19.8008, 19.1619, 24.8453

Tritanomaly

20.0394, 19.1441, 23.4079

Monochromacy



Original Color

20.4255, 19.1336, 25.1709

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.2996, 19.4773, 22.8210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4255, 19.1336, 25.1709 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(135, 115, 134)` looks like.

```
.text, #text, p{  
    color:rgb(135, 115, 134)  
}
```

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(135, 115, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 115, 134) }
```

Border

The CSS property to change the border of an element to XYZ 20.4255, 19.1336, 25.1709 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(135, 115, 134) }
```


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

```
.border{ border-color:rgb(135, 115, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 115, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 115, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 115, 134);  
box-shadow:4px 4px 4px 4px rgb(135, 115,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4255, 19.1336, 25.1709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 115, 134) }
```

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

```
.background{ background-color: rgb(135,  
115, 134) }
```

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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