

Converting Colors

XYZ(20.5364, 19.1798, 26.7265)

Have a look what the booklet for
XYZ(20.5364, 19.1798, 26.7265)
contains.

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Color

**XYZ(20.5497, 19.1648,
26.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	86738A
RGB	134, 115, 138
RGB Percent	53%, 45%, 54%
CMY	0.4745, 0.5490, 0.4588
CMYK	0.03, 0.17, 0.00, 0.46
HSL	290°, 9%, 50%
HSV	290°, 17%, 54%
XYZ	20.5497, 19.1648, 26.6608
YIQ	123.3030, 3.9410, 11.1810

Conversions

Conversions Part 2

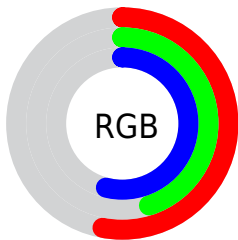
Format	Color
R_{YB}	134, 115, 138
Decimal	8811402
CIE _{Lab}	50.88, 11.82, -9.81
CIE _{LCh}	51, 15.364, 320.305
Yxy	19.1648, 0.3096, 0.2887
Android (android.graphics.Color)	4287001482 (0xFF86738A)
YUV	123.3030, 7.2456, 9.3813
Hunter-Lab	43.7776, 7.1790, -5.4636

Details

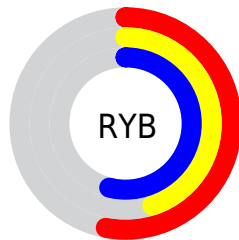
The XYZ color **20.5497, 19.1648, 26.6608** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7914, 23.3372, 19.6820**, and the grayscale version is **18.9032, 19.8876, 21.6576**.

A 20% lighter version of the original color is **43.7162, 41.9638, 55.0859**, and **7.4248, 6.6037, 10.1158** is the 20% darker color. If you saturate the color by 10%, you get **18.7144, 16.0553, 26.1576**, and if you desaturate by 10%, it is **22.6305, 22.7516, 27.2437**.

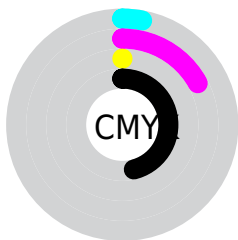
Distribution



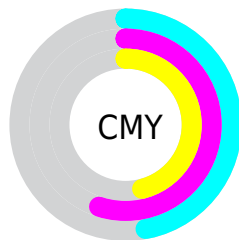
- Red (53%)
- Green (45%)
- Blue (54%)



- Red (53%)
- Yellow (45%)
- Blue (54%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (46%)



- Cyan (47%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5497, 19.1648, 26.6608 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 20.5497, 19.1648, 26.6608 by changing the saturation by 10% instead.

■ 20.5497, 19.1648,
26.6608

■ 20.5497, 19.1648,
26.6608

247.6529,
247.3570, 299.7190

■ 12.9058, 11.7894,
17.0885

■ 43.8338, 42.0124,
55.3362

■ 7.4403, 6.6005,
10.1350

■ 60.2048, 58.2534,
75.2763

■ 3.7877, 3.2135,
5.3818

■ 80.2156, 78.2184,
99.5094

■ 1.5827, 1.2442,
2.4103

■ 104.2314,
102.2918, 128.4541

■ 0.3811, 0.0974,
0.7921

132.6177,
130.8579, 162.5289

■ 0.0000, 0.0000,
0.0000

165.7398,

164.3013, 202.1522

203.9631,
203.0062, 247.7428

■ 20.5497, 19.1648,
26.6608

■ 20.5497, 19.1648,
26.6608

■ 18.7144, 16.0553,
26.1576

■ 22.6305, 22.7516,
27.2437

■ 17.1122, 13.3997,
25.7295

■ 24.9648, 26.8329,
27.9085

■ 15.7326, 11.1765,
25.3731

■ 27.5625, 31.4279,
28.6585

■ 14.5633, 9.3611,
25.0843

■ 30.4325, 36.5543,
29.4967

■ 13.5907, 7.9268,
24.8587

■ 33.5830, 42.2286,
30.4259

■ 12.7999, 6.8436,
24.6913

■ 37.0222, 48.4668,
31.4488

■ 12.1735, 6.0766,
24.5763

■ 40.7577, 55.2844,
32.5678

■ 11.6815, 5.5662,
24.5037

■ 44.7969, 62.6959,
33.7855

■ 11.5269, 5.4124,
24.4822

■ 49.1470, 70.7157,
35.1042

Harmonies

Analogous

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



19.2450, 19.1648, 29.7081



20.5497, 19.1648, 26.6608



21.2399, 19.1648, 22.3036

Triad

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



20.5497, 19.1648, 26.6608



18.7104, 19.1648, 13.6779



15.6184, 19.1648, 23.8976

Complementary

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



20.5497, 19.1648, 26.6608



19.7914, 23.3372, 19.6820

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.



15.4929, 19.1648, 19.4938



20.5497, 19.1648, 26.6608



17.2235, 19.1648, 13.9814

Square

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



20.5497, 19.1648, 26.6608



20.1398, 19.1648, 15.0847



16.0652, 19.1648, 15.9803



16.4180, 19.1648, 27.9657

Rectangle

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



20.5497, 19.1648, 26.6608



21.2339, 19.1648, 19.4104



16.0652, 19.1648, 15.9803



15.4978, 19.1648, 22.3952

Sweetspot

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



20.5503, 19.1656, 26.6612



40.5009, 41.1658, 48.1943



18.2811, 18.7260, 26.6960



9.0306, 9.1401, 10.7946



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.



20.5503, 19.1656, 26.6612



34.9559, 31.6230, 46.6447



20.6901, 19.2966, 24.0068



5.1500, 5.0857, 6.3161



10.5792, 4.9679, 22.4470



0.0807, 0.0384, 0.1496

Inverse Universe

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



19.9424, 18.9975, 20.0695



33.6930, 31.2794, 32.6992



19.6898, 23.2344, 21.9523



5.0661, 5.0619, 5.4365



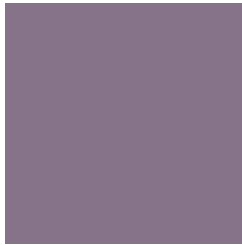
9.7651, 5.0162, 1.2674



0.0687, 0.0349, 0.0286

Previews

White Background



This preview shows how the XYZ color 20.5497, 19.1648, 26.6608 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 20.5497, 19.1648, 26.6608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

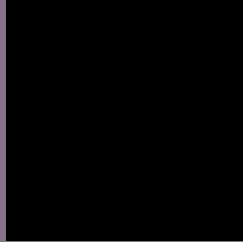
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.5497, 19.1648, 26.6608

Background



This preview shows how black text looks on a background with the XYZ color 20.5497, 19.1648, 26.6608.



This preview shows how white text looks on a background with the XYZ color 20.5497, 19.1648,

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

20.5497, 19.1648, 26.6608

Protanopia

18.8603, 19.1379, 27.8992

Deuteranopia

19.4512, 19.1230, 26.3328



Tritanopia

19.6429, 19.1345, 22.3967

Trichromacy



Original Color

20.5497, 19.1648, 26.6608

Protanomaly

19.3804, 19.0613, 27.4687

Deuteranomaly

19.7787, 19.1179, 26.3146

Tritanomaly

19.9475, 19.0890, 23.7523

Monochromacy



Original Color

20.5497, 19.1648, 26.6608

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.3651, 19.5035, 23.1660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5497, 19.1648, 26.6608 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, 115, 138)` looks like.

```
.text, #text, p{  
    color:rgb(134, 115, 138)  
}
```

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, 115, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 115, 138) }
```

Border

The CSS property to change the border of an element to XYZ 20.5497, 19.1648, 26.6608 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, 115, 138) }
```


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

```
.border{ border-color:rgb(134, 115, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 115, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 115, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 115, 138);  
box-shadow:4px 4px 4px 4px rgb(134, 115,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5497, 19.1648, 26.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 115, 138) }
```

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

```
.background{ background-color: rgb(134,  
115, 138) }
```

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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