

Converting Colors

XYZ(20.1275, 21.1627, 17.9630)

Have a look what the booklet for
XYZ(20.1275, 21.1627, 17.9630)
contains.

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Color

**XYZ(20.1616, 21.1377,
18.0563)**

Conversions

Conversions Part 1

Format	Color
Hex	867E6F
RGB	134, 126, 111
RGB Percent	53%, 49%, 44%
CMY	0.4745, 0.5059, 0.5647
CMYK	0.00, 0.06, 0.17, 0.47
HSL	39°, 9%, 48%
HSV	39°, 17%, 53%
XYZ	20.1616, 21.1377, 18.0563
YIQ	126.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

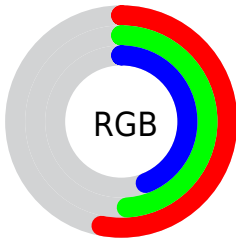
Format	Color
R_{YB}	123, 134, 111
Decimal	8814191
CIE Lab	53.10, 0.35, 9.26
CIE LCh	53, 9.264, 87.837
Yxy	21.1377, 0.3397, 0.3561
Android (android.graphics.Color)	4287004271 (0xFF867E6F)
YUV	126.6820, -7.7312, 6.4179
Hunter-Lab	45.9758, -2.1805, 8.8978

Details

The XYZ color **20.1616, 21.1377, 18.0563** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4554, 18.2941, 25.1655**, and the grayscale version is **20.0876, 21.1337, 23.0146**.

A 20% lighter version of the original color is **43.2245, 45.4493, 41.1448**, and **7.2072, 7.5515, 5.7803** is the 20% darker color. If you saturate the color by 10%, you get **18.8966, 19.7012, 14.2635**, and if you desaturate by 10%, it is **21.5662, 22.6759, 22.4423**.

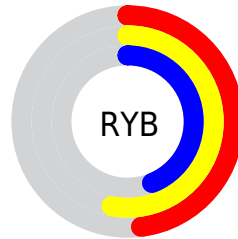
Distribution



Red (53%)

Green (49%)

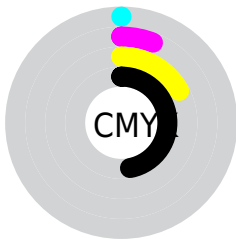
Blue (44%)



Red (48%)

Yellow (53%)

Blue (44%)

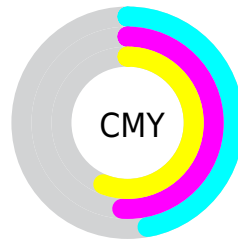


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1616, 21.1377, 18.0563 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 20.1616, 21.1377, 18.0563 by changing the saturation by 10% instead.

■ 20.1616, 21.1377,
18.0563

■ 20.1616, 21.1377,
18.0563

245.6055,
258.0094, 253.4350

■ 12.6215, 13.2247,
10.8206

■ 43.1898, 45.3166,
40.9485

■ 7.2436, 7.5835,
5.8337

■ 59.4087, 62.3513,
57.4420

■ 3.6626, 3.8296,
2.6770

■ 79.2512, 83.1953,
77.8585

■ 1.5131, 1.5787,
0.9318

■ 103.0826,
108.2331, 102.6165

■ 0.3347, 0.3432,
0.0000

131.2685,
137.8489, 132.1347

■ 0.0000, 0.0000,
0.0000

164.1740,

172.4274, 166.8314

202.1646,
212.3527, 207.1253

■ 20.1616, 21.1377,
18.0563

■ 20.1616, 21.1377,
18.0563

■ 18.8966, 19.7012,
14.2635

■ 21.5662, 22.6759,
22.4423

■ 17.7643, 18.3608,
11.0366

■ 23.1136, 24.3155,
27.4445

■ 16.7595, 17.1146,
8.3479

■ 24.8092, 26.0600,
33.0864

■ 15.8761, 15.9596,
6.1673

■ 26.6575, 27.9117,
39.3898

■ 15.1073, 14.8924,
4.4612

■ 28.6626, 29.8728,
46.3755

■ 14.4458, 13.9094,
3.1923

■ 30.8287, 31.9455,
54.0634

■ 13.8828, 13.0064,
2.3174

■ 33.1598, 34.1320,
62.4724

■ 13.4022, 12.1763,
1.7530

■ 35.6595, 36.4342,
71.6210

■ 13.2728, 11.9508,
1.6072

■ 38.3316, 38.8542,
81.5268

Harmonies

Analogous

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



21.1053, 21.1377, 18.7630



20.1616, 21.1377, 18.0563



19.2280, 21.1377, 18.5866

Triad

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



20.1616, 21.1377, 18.0563



18.4782, 21.1377, 25.6146



21.7199, 21.1377, 25.9934

Complementary

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



20.1616, 21.1377, 18.0563



17.4554, 18.2941, 25.1655

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.



20.9789, 21.1377, 28.0970



20.1616, 21.1377, 18.0563



19.1092, 21.1377, 27.8661

Square

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



20.1616, 21.1377, 18.0563



18.2750, 21.1377, 22.8133



20.0201, 21.1377, 28.8082



22.0229, 21.1377, 23.2186

Rectangle

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



20.1616, 21.1377, 18.0563



18.7330, 21.1377, 19.5963



20.0201, 21.1377, 28.8082



21.5126, 21.1377, 26.8107

Sweetspot

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



20.1622, 21.1386, 18.0567



38.5362, 40.5308, 41.2608



18.8490, 17.7706, 19.9054



8.6464, 9.0933, 9.1823



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.



20.1622, 21.1386, 18.0567



34.5357, 36.1340, 28.8160



20.6851, 22.9875, 18.3861



4.9070, 5.1577, 4.9663



12.4487, 11.2200, 1.5096



0.0500, 0.0526, 0.0075

Inverse Universe

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



17.4554, 18.2941, 25.1655



28.7460, 30.0502, 44.0236



16.9859, 16.6981, 24.8822



4.5571, 4.7899, 5.8851



4.9794, 3.5067, 21.5511



0.0236, 0.0248, 0.0768

Previews

White Background



This preview shows how the XYZ color 20.1616, 21.1377, 18.0563 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 20.1616, 21.1377, 18.0563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

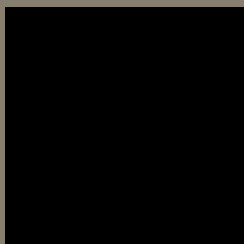
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

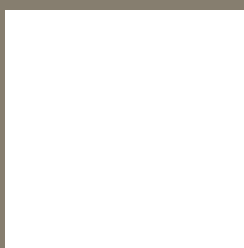
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1616, 21.1377, 18.0563

Background



This preview shows how black text looks on a background with the XYZ color 20.1616, 21.1377, 18.0563.



This preview shows how white text looks on a background with the XYZ color 20.1616, 21.1377,

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

20.1616, 21.1377, 18.0563

Protanopia

20.0030, 21.0560, 18.0489

Deuteranopia

21.3858, 21.0182, 18.2590



Tritanopia

21.6331, 21.1777, 25.1378

Trichromacy



Original Color

20.1616, 21.1377, 18.0563

Protanomaly

20.0030, 21.0560, 18.0489

Deuteranomaly

20.8228, 20.9112, 18.2680

Tritanomaly

21.0627, 21.1302, 22.3705

Monochromacy



Original Color

20.1616, 21.1377, 18.0563

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2465, 21.3050, 21.1343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1616, 21.1377, 18.0563 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, 126, 111)` looks like.

```
.text, #text, p{  
    color:rgb(134, 126, 111)  
}
```

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, 126, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 126, 111) }
```

Border

The CSS property to change the border of an element to XYZ 20.1616, 21.1377, 18.0563 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, 126, 111) }
```


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

```
.border{ border-color:rgb(134, 126, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 126, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 126, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 126, 111);  
box-shadow:4px 4px 4px 4px rgb(134, 126,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1616, 21.1377, 18.0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 126, 111) }
```

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

```
.background{ background-color: rgb(134,  
126, 111) }
```

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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