

Converting Colors

XYZ(21.6521, 20.3850, 27.3707)

Have a look what the booklet for
XYZ(21.6521, 20.3850, 27.3707)
contains.

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Color

**XYZ(21.5736, 20.3761,
27.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	89778B
RGB	137, 119, 139
RGB Percent	54%, 47%, 55%
CMY	0.4627, 0.5333, 0.4549
CMYK	0.01, 0.14, 0.00, 0.45
HSL	294°, 8%, 51%
HSV	294°, 14%, 55%
XYZ	21.5736, 20.3761, 27.2220
YIQ	126.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

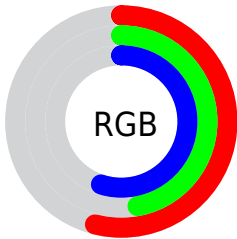
Format	Color
R_{YB}	137, 119, 139
Decimal	9009035
CIE Lab	52.26, 10.78, -8.30
CIE LCh	52, 13.604, 322.378
Yxy	20.3761, 0.3119, 0.2946
Android (android.graphics.Color)	4287199115 (0xFF89778B)
YUV	126.6620, 6.0826, 9.0664
Hunter-Lab	45.1399, 6.3153, -4.1574

Details

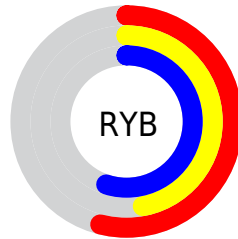
The XYZ color **21.5736, 20.3761, 27.2220** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.4482, 23.8626, 20.9819**, and the grayscale version is **20.0363, 21.0797, 22.9558**.

A 20% lighter version of the original color is **45.3125, 43.8787, 55.9504**, and **7.9869, 7.2540, 10.4304** is the 20% darker color. If you saturate the color by 10%, you get **19.8127, 17.1900, 26.7001**, and if you desaturate by 10%, it is **23.5806, 24.0494, 27.8255**.

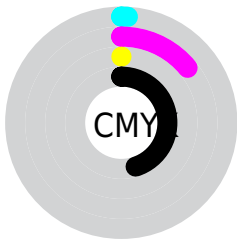
Distribution



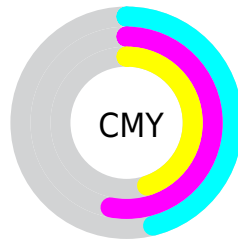
- Red (54%)
- Green (47%)
- Blue (55%)



- Red (54%)
- Yellow (47%)
- Blue (55%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5736, 20.3761, 27.2220 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 21.5736, 20.3761, 27.2220 by changing the saturation by 10% instead.

■ 21.5736, 20.3761,
27.2220

■ 21.5736, 20.3761,
27.2220

252.9858,
253.9439, 302.5245

■ 13.6588, 12.6687,
17.5061

■ 45.5244, 44.0468,
56.2480

■ 7.9638, 7.2008,
10.4302

■ 62.2910, 60.7790,
76.3951

■ 4.1234, 3.5880,
5.5758

■ 82.7389, 81.2882,
100.8564

■ 1.7722, 1.4459,
2.5243

107.2335,
105.9589, 130.0505

■ 0.5008, 0.2502,
0.8530

136.1402,
135.1754, 164.3958

■ 0.0000, 0.0000,
0.0000

169.8242,

169.3222, 204.3108

208.6509,
208.7835, 250.2142

■ 21.5736, 20.3761,
27.2220

■ 21.5736, 20.3761,
27.2220

■ 19.8127, 17.1900,
26.7001

■ 23.5806, 24.0494,
27.8255

■ 18.2856, 14.4676,
26.2551

■ 25.8417, 28.2268,
28.5127

■ 16.9818, 12.1872,
25.8837

■ 28.3669, 32.9280,
29.2870

■ 15.8889, 10.3246,
25.5818

■ 31.1649, 38.1704,
30.1514

■ 14.9937, 8.8530,
25.3449

■ 34.2441, 43.9708,
31.1087

■ 14.2813, 7.7427,
25.1682

■ 37.6126, 50.3454,
32.1616

■ 13.7347, 6.9597,
25.0458

■ 41.2781, 57.3096,
33.3127

■ 13.3320, 6.4603,
24.9707

■ 45.2481, 64.8782,
34.5643

■ 13.1328, 6.2319,
24.9371

■ 49.5296, 73.0655,
35.9189

Harmonies

Analogous

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



20.4078, 20.3761, 30.0881



21.5736, 20.3761, 27.2220



22.1535, 20.3761, 23.2223

Triad

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



21.5736, 20.3761, 27.2220



19.7254, 20.3761, 15.4006



16.9874, 20.3761, 25.2461

Complementary

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



21.5736, 20.3761, 27.2220



20.4482, 23.8626, 20.9819

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.



16.8243, 20.3761, 21.1812



21.5736, 20.3761, 27.2220



18.3620, 20.3761, 15.8050

Square

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



21.5736, 20.3761, 27.2220



21.0535, 20.3761, 16.6330



17.3160, 20.3761, 17.8131



17.7728, 20.3761, 28.8551

Rectangle

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



21.5736, 20.3761, 27.2220



22.1112, 20.3761, 20.5773



17.3160, 20.3761, 17.8131



16.8596, 20.3761, 23.8766

Sweetspot

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



21.5742, 20.3770, 27.2224



42.3430, 43.2787, 49.8649



19.1062, 19.4617, 27.1759



9.6963, 9.8612, 11.4718



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.



21.5742, 20.3770, 27.2224



37.6492, 34.6995, 48.4563



21.3416, 20.3222, 24.2711



5.1854, 5.1040, 6.3177



11.8609, 5.6287, 22.5070



0.0854, 0.0408, 0.1498

Inverse Universe

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



20.6961, 20.0640, 20.8719



35.7961, 34.0407, 34.9721



20.6718, 23.9200, 23.6069



5.0519, 5.0562, 5.3617



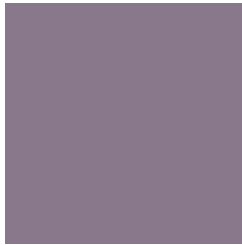
9.6841, 4.9838, 0.8411



0.0666, 0.0340, 0.0177

Previews

White Background



This preview shows how the XYZ color 21.5736, 20.3761, 27.2220 looks on a white background.

Color Contrast Check

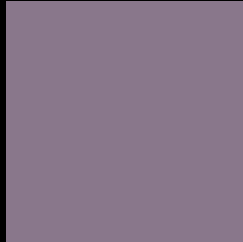
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5736, 20.3761, 27.2220 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 21.5736, 20.3761, 27.2220

Background



This preview shows how black text looks on a background with the XYZ color 21.5736, 20.3761, 27.2220.



This preview shows how white text looks on a background with the XYZ color 21.5736, 20.3761,

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

21.5736, 20.3761, 27.2220

Protanopia

20.1162, 20.5059, 28.4890

Deuteranopia

20.7035, 20.2847, 27.2502



Tritanopia

21.0200, 20.5207, 23.9721

Trichromacy



Original Color

21.5736, 20.3761, 27.2220

Protanomaly

20.5196, 20.3542, 28.0466

Deuteranomaly

21.0495, 20.2836, 27.2318

Tritanomaly

21.1035, 20.3606, 25.0080

Monochromacy



Original Color

21.5736, 20.3761, 27.2220

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.6645, 20.8793, 24.4137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5736, 20.3761, 27.2220 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(137, 119, 139)` looks like.

```
.text, #text, p{  
    color:rgb(137, 119, 139)  
}
```

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(137, 119, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 119, 139) }
```

Border

The CSS property to change the border of an element to XYZ 21.5736, 20.3761, 27.2220 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(137, 119, 139) }
```


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

```
.border{ border-color:rgb(137, 119, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 119, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 119, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 119, 139); box-shadow:4px 4px 4px 4px rgb(137, 119, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5736, 20.3761, 27.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 119, 139) }
```

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

```
.background{ background-color: rgb(137,  
119, 139) }
```

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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