

Converting Colors

XYZ(20.6296, 21.4606, 23.1394)

Have a look what the booklet for
XYZ(20.6296, 21.4606, 23.1394)
contains.

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Color

**XYZ(20.6261, 21.4569,
23.1332)**

Conversions

Conversions Part 1

Format	Color
Hex	827F7F
RGB	130, 127, 127
RGB Percent	51%, 50%, 50%
CMY	0.4902, 0.5019, 0.5020
CMYK	0.00, 0.02, 0.02, 0.49
HSL	0°, 1%, 50%
HSV	0°, 2%, 51%
XYZ	20.6261, 21.4569, 23.1332
YIQ	127.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

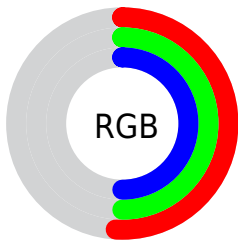
Format	Color
R _Y B	130, 127, 127
Decimal	8552319
CIE Lab	53.45, 1.13, 0.39
CIE LCh	53, 1.197, 19.200
Yxy	21.4569, 0.3163, 0.3290
Android (android.graphics.Color)	4286742399 (0xFF827F7F)
YUV	127.8970, -0.4422, 1.8443
Hunter-Lab	46.3216, -1.5802, 2.8154

Details

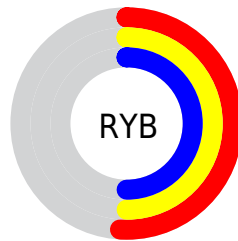
The XYZ color **20.6261, 21.4569, 23.1332** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7644, 22.0888, 24.2886**, and the grayscale version is **20.4837, 21.5504, 23.4684**.

A 20% lighter version of the original color is **44.0879, 46.0051, 49.7362**, and **7.4929, 7.7482, 8.3084** is the 20% darker color. If you saturate the color by 10%, you get **18.2621, 17.9983, 18.4314**, and if you desaturate by 10%, it is **23.3170, 25.3938, 28.4839**.

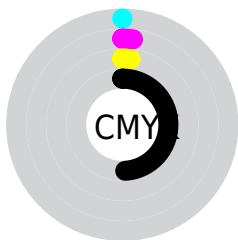
Distribution



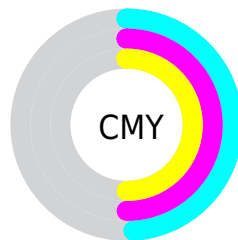
- Red (51%)
- Green (50%)
- Blue (50%)



- Red (51%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6261, 21.4569, 23.1332 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 20.6261, 21.4569, 23.1332 by changing the saturation by 10% instead.

■ 20.6261, 21.4569,
23.1332

■ 20.6261, 21.4569,
23.1332

248.0542,
259.6968, 281.5525

■ 12.9619, 13.4584,
14.4857

■ 43.9604, 45.8467,
49.5379

■ 7.4791, 7.7449,
8.3166

■ 60.3612, 63.0068,
68.1322

■ 3.8125, 3.9322,
4.2075

■ 80.4049, 83.9895,
90.8791

■ 1.5966, 1.6357,
1.7399

104.4568,
109.1793, 118.1972

■ 0.3902, 0.3815,
0.3879

132.8824,
138.9606, 150.5051

■ 0.0000, 0.0000,
0.0000

166.0469,

173.7176, 188.2212

204.3157,
213.8349, 231.7641

■ 20.6261, 21.4569,
23.1332

■ 20.6261, 21.4569,
23.1332

■ 18.2621, 17.9983,
18.4314

■ 23.3170, 25.3938,
28.4839

■ 16.2109, 14.9972,
14.3525

■ 26.3446, 29.8232,
34.5055

■ 14.4599, 12.4351,
10.8708

■ 29.7208, 34.7625,
41.2204

■ 12.9950, 10.2916,
7.9583

■ 33.4561, 40.2270,
48.6499

■ 11.8010, 8.5444,
5.5848

■ 37.5607, 46.2318,
56.8141

■ 10.8613, 7.1693,
3.7171

■ 42.0443, 52.7909,
65.7324

■ 10.1575, 6.1392,
2.3187

■ 46.9163, 59.9183,
75.4235

■ 9.6687, 5.4237,
1.3479

■ 52.1859, 67.6270,
85.9055

■ 9.3704, 4.9868,
0.7558

■ 57.8617, 75.9300,
97.1959

Harmonies

Analogous

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



20.6354, 21.4569, 23.4945



20.6261, 21.4569, 23.1332



20.5544, 21.4569, 22.8364

Triad

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



20.6261, 21.4569, 23.1332



20.2095, 21.4569, 22.9080



20.3483, 21.4569, 24.0581

Complementary

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



20.6261, 21.4569, 23.1332



20.7644, 22.0888, 24.2886

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.



20.2347, 21.4569, 23.8974



20.6261, 21.4569, 23.1332



20.1547, 21.4569, 23.2319

Square

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



20.6261, 21.4569, 23.1332



20.3138, 21.4569, 22.7073



20.1639, 21.4569, 23.5941



20.4747, 21.4569, 24.0310

Rectangle

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



20.6261, 21.4569, 23.1332



20.4812, 21.4569, 22.7139



20.1639, 21.4569, 23.5941



20.3074, 21.4569, 24.0242

Sweetspot

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



20.6267, 21.4578, 23.1337



36.9010, 38.6314, 41.8856



20.8249, 21.5367, 24.1789



8.3598, 8.7550, 9.4955



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



20.6267, 21.4578, 23.1337



35.9882, 37.2961, 40.0704



20.8216, 21.8476, 23.1986



4.6254, 4.7798, 5.1220



8.8281, 4.5525, 0.4134



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.7644, 22.0888, 24.2886



36.3090, 38.7662, 42.7614



20.5666, 21.6932, 24.2227



4.6743, 5.0042, 5.5328



11.5054, 16.8294, 22.8919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.6261, 21.4569, 23.1332 looks on a white background.

Color Contrast Check

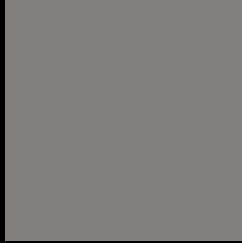
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6261, 21.4569, 23.1332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

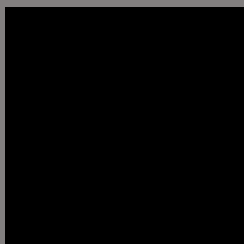
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

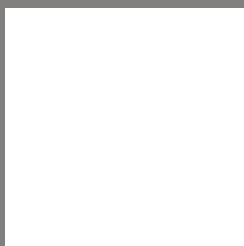
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6261, 21.4569, 23.1332

Background



This preview shows how black text looks on a background with the XYZ color 20.6261, 21.4569, 23.1332.



This preview shows how white text looks on a background with the XYZ color 20.6261, 21.4569,

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

20.6261, 21.4569, 23.1332

Protanopia

20.6261, 21.4569, 23.1332

Deuteranopia

21.9192, 21.5493, 23.4262



Tritanopia

21.2649, 21.5246, 26.3264

Trichromacy



Original Color

20.6261, 21.4569, 23.1332

Protanomaly

20.6261, 21.4569, 23.1332

Deuteranomaly

21.3832, 21.4600, 23.4372

Tritanomaly

21.0546, 21.4405, 25.2190

Monochromacy



Original Color

20.6261, 21.4569, 23.1332

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.6687, 21.6640, 23.5143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6261, 21.4569, 23.1332 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(130, 127, 127)` looks like.

```
.text, #text, p{  
    color:rgb(130, 127, 127)  
}
```

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(130, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 127, 127) }
```

Border

The CSS property to change the border of an element to XYZ 20.6261, 21.4569, 23.1332 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(130, 127, 127) }
```


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

```
.border{ border-color:rgb(130, 127, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 127, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(130, 127,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6261, 21.4569, 23.1332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 127, 127) }
```

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

```
.background{ background-color: rgb(130,  
127, 127) }
```

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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