

Converting Colors

XYZ(20.2014, 22.2738, 25.4252)

Have a look what the booklet for
XYZ(20.2014, 22.2738, 25.4252)
contains.

XYZ(20.0927, 22.1179, 25.4005)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.0927, 22.1179,
25.4005)**

Conversions

Conversions Part 1

Format	Color
Hex	778485
RGB	119, 132, 133
RGB Percent	47%, 52%, 52%
CMY	0.5333, 0.4823, 0.4784
CMYK	0.11, 0.01, 0.00, 0.48
HSL	184°, 6%, 49%
HSV	184°, 11%, 52%
XYZ	20.0927, 22.1179, 25.4005
YIQ	128.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

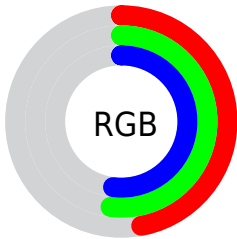
Format	Color
R_{YB}	119, 126, 133
Decimal	7832709
CIE _{Lab}	54.15, -4.52, -2.17
CIE _{LCh}	54, 5.017, 205.592
Yxy	22.1179, 0.2972, 0.3271
Android (android.graphics.Color)	4286022789 (0xFF778485)
YUV	128.2270, 2.3531, -8.0921
Hunter-Lab	47.0297, -6.0406, 0.8985

Details

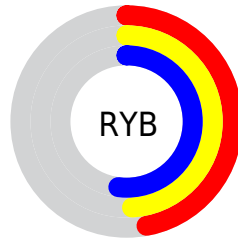
The XYZ color **20.0927, 22.1179, 25.4005** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.7194, 19.7515, 20.2264**, and the grayscale version is **20.5912, 21.6636, 23.5916**.

A 20% lighter version of the original color is **43.0065, 46.9010, 53.2405**, and **7.2920, 8.1662, 9.5794** is the 20% darker color. If you saturate the color by 10%, you get **18.2658, 20.9866, 25.2788**, and if you desaturate by 10%, it is **22.1775, 23.3851, 25.5356**.

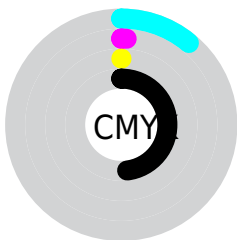
Distribution



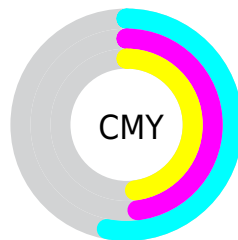
- Red (47%)
- Green (52%)
- Blue (52%)



- Red (47%)
- Yellow (49%)
- Blue (52%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0927, 22.1179, 25.4005 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 20.0927, 22.1179, 25.4005 by changing the saturation by 10% instead.

■ 20.0927, 22.1179,
25.4005

■ 20.0927, 22.1179,
25.4005

245.2405,
263.1614, 293.3379

■ 12.5711, 13.9436,
16.1540

■ 43.0753, 46.9408,
53.2784

■ 7.2088, 8.0814,
9.4776

■ 59.2670, 64.3581,
72.7468

■ 3.6405, 4.1471,
4.9530

■ 79.0795, 85.6252,
96.4595

■ 1.5009, 1.7562,
2.1614

102.8781,
111.1265, 124.8352

■ 0.3264, 0.4596,
0.6520

131.0281,
141.2464, 158.2924

■ 0.0000, 0.0000,
0.0000

163.8949,

176.3692, 197.2495

201.8440,
216.8794, 242.1252

■ 20.0927, 22.1179,
25.4005

■ 20.0927, 22.1179,
25.4005

■ 18.2658, 20.9866,
25.2788

■ 22.1775, 23.3851,
25.5356

■ 16.6843, 19.9830,
25.1684

■ 24.5283, 24.7905,
25.6829

■ 15.3376, 19.1022,
25.0694

■ 27.1551, 26.3399,
25.8435

■ 14.2136, 18.3379,
24.9811

■ 30.0669, 28.0380,
26.0178

■ 13.2989, 17.6832,
24.9029

■ 33.2721, 29.8891,
26.2062

■ 12.5789, 17.1305,
24.8342

■ 36.7790, 31.8975,
26.4090

■ 12.0370, 16.6714,
24.7742

■ 40.5954, 34.0673,
26.6267

■ 11.6537, 16.2958,
24.7219

■ 44.7289, 36.4023,
26.8595

■ 11.3810, 15.9881,
24.6768

■ 49.1869, 38.9063,
27.1079

Harmonies

Analogous

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



19.9962, 22.1179, 23.8530



20.0927, 22.1179, 25.4005



20.4366, 22.1179, 26.6407

Triad

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



20.0927, 22.1179, 25.4005



21.8976, 22.1179, 25.8161



21.1029, 22.1179, 21.2165

Complementary

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



20.0927, 22.1179, 25.4005



19.7194, 19.7515, 20.2264

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.



21.6193, 22.1179, 21.6938



20.0927, 22.1179, 25.4005



22.0831, 22.1179, 24.3137

Square

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



20.0927, 22.1179, 25.4005



21.4777, 22.1179, 26.8878



21.9803, 22.1179, 22.8112



20.5736, 22.1179, 21.4797

Rectangle

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



20.0927, 22.1179, 25.4005



20.7631, 22.1179, 27.1034



21.9803, 22.1179, 22.8112



21.2838, 22.1179, 21.2951

Sweetspot

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



20.0933, 22.1188, 25.4010



38.7214, 41.2775, 45.6649



19.3819, 22.0519, 20.9835



8.6599, 9.2609, 10.2838



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.



20.0933, 22.1188, 25.4010



35.0308, 39.0245, 45.4246



19.1839, 20.3000, 25.0979



4.7740, 5.2236, 5.9574



10.8429, 15.2336, 23.5056



0.0397, 0.0570, 0.0821

Inverse Universe

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



20.4351, 19.8467, 24.5845



35.7924, 33.9880, 43.5993



20.5838, 21.4804, 20.5146



4.8439, 4.7573, 5.7905



12.6511, 6.1248, 18.5329



0.0449, 0.0216, 0.0698

Previews

White Background



This preview shows how the XYZ color 20.0927, 22.1179, 25.4005 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 20.0927, 22.1179, 25.4005 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

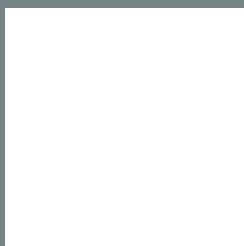
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0927, 22.1179, 25.4005

Background



This preview shows how black text looks on a background with the XYZ color 20.0927, 22.1179, 25.4005.



This preview shows how white text looks on a background with the XYZ color 20.0927, 22.1179,

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

20.0927, 22.1179, 25.4005

Protanopia

21.3071, 22.1645, 24.6279

Deuteranopia

22.4519, 21.9639, 25.6104



Tritanopia

20.6697, 22.1488, 28.3850

Trichromacy



Original Color

20.0927, 22.1179, 25.4005

Protanomaly

20.8999, 22.1432, 25.0023

Deuteranomaly

21.5380, 22.0651, 25.6781

Tritanomaly

20.4495, 22.0606, 27.2251

Monochromacy



Original Color

20.0927, 22.1179, 25.4005

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3370, 21.6722, 24.2304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0927, 22.1179, 25.4005 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(119, 132, 133)` looks like.

```
.text, #text, p{  
    color:rgb(119, 132, 133)  
}
```

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(119, 132, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 132, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.0927, 22.1179, 25.4005 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(119, 132, 133) }
```


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

```
.border{ border-color:rgb(119, 132, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 132, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 132, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 132, 133);  
box-shadow:4px 4px 4px 4px rgb(119, 132,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0927, 22.1179, 25.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 132, 133) }
```

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

```
.background{ background-color: rgb(119,  
132, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor