

Converting Colors

XYZ(21.1950, 20.2221, 25.3904)

Have a look what the booklet for
XYZ(21.1950, 20.2221, 25.3904)
contains.

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Color

**XYZ(21.2164, 20.2332,
25.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	897786
RGB	137, 119, 134
RGB Percent	54%, 47%, 53%
CMY	0.4627, 0.5333, 0.4745
CMYK	0.00, 0.13, 0.02, 0.46
HSL	310°, 7%, 50%
HSV	310°, 13%, 54%
XYZ	21.2164, 20.2332, 25.3414
YIQ	126.0920, 5.9130, 8.4810

Conversions

Conversions Part 2

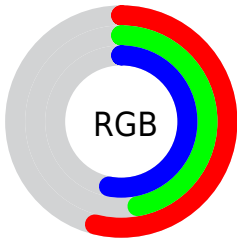
Format	Color
R_{YB}	137, 119, 134
Decimal	9009030
CIE Lab	52.10, 9.77, -5.61
CIE LCh	52, 11.268, 330.143
Yxy	20.2332, 0.3177, 0.3029
Android (android.graphics.Color)	4287199110 (0xFF897786)
YUV	126.0920, 3.8986, 9.5663
Hunter-Lab	44.9813, 5.4760, -1.9156

Details

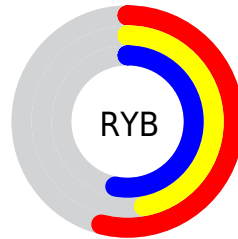
The XYZ color **21.2164, 20.2332, 25.3414** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.0670, 23.2189, 21.8375**, and the grayscale version is **19.8487, 20.8823, 22.7409**.

A 20% lighter version of the original color is **44.7678, 43.6608, 53.0816**, and **7.7840, 7.1728, 9.3617** is the 20% darker color. If you saturate the color by 10%, you get **19.5447, 17.1416, 24.0069**, and if you desaturate by 10%, it is **23.1278, 23.7980, 26.7732**.

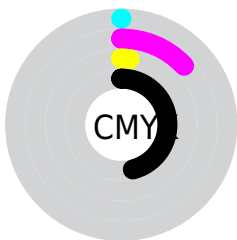
Distribution



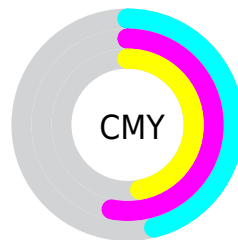
- Red (54%)
- Green (47%)
- Blue (53%)



- Red (54%)
- Yellow (47%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2164, 20.2332, 25.3414 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 21.2164, 20.2332, 25.3414 by changing the saturation by 10% instead.

■ 21.2164, 20.2332,
25.3414

■ 21.2164, 20.2332,
25.3414

251.1363,
253.1748, 293.0358

■ 13.3956, 12.5647,
16.1103

■ 44.9360, 43.8078,
53.1815

■ 7.7804, 7.1295,
9.4470

■ 61.5655, 60.4827,
72.6276

■ 4.0054, 3.5432,
4.9331

■ 81.8620, 80.9285,
96.3157

■ 1.7052, 1.4215,
2.1500

106.1908,
105.5296, 124.6643

■ 0.4595, 0.2325,
0.6453

134.9173,
134.6703, 158.0922

■ 0.0000, 0.0000,
0.0000

168.4068,

168.7352, 197.0176

207.0247,
208.1086, 241.8593

■ 21.2164, 20.2332,
25.3414

■ 21.2164, 20.2332,
25.3414

■ 19.5447, 17.1416,
24.0069

■ 23.1278, 23.7980,
26.7732

■ 18.1008, 14.5006,
22.7651

■ 25.2865, 27.8522,
28.3043

■ 16.8747, 12.2896,
21.6126

■ 27.7021, 32.4146,
29.9382

■ 15.8546, 10.4854,
20.5454

■ 30.3830, 37.5019,
31.6778

■ 15.0279, 9.0625,
19.5592

■ 33.3372, 43.1304,
33.5259

■ 14.3804, 7.9926,
18.6492

■ 36.5726, 49.3155,
35.4852

■ 13.8960, 7.2437,
17.8099

■ 40.0966, 56.0719,
37.5582

■ 13.5555, 6.7772,
17.0347

■ 43.9162, 63.4139,
39.7476

■ 13.3633, 6.5371,
16.5259

■ 48.0383, 71.3554,
42.0555

Harmonies

Analogous

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



20.3647, 20.2332, 27.9833



21.2164, 20.2332, 25.3414



21.5318, 20.2332, 22.0147

Triad

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



21.2164, 20.2332, 25.3414



19.2255, 20.2332, 16.2771



17.3787, 20.2332, 25.3714

Complementary

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



21.2164, 20.2332, 25.3414



20.0670, 23.2189, 21.8375

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.



17.1003, 20.2332, 22.0463



21.2164, 20.2332, 25.3414



18.1403, 20.2332, 16.9882

Square

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



21.2164, 20.2332, 25.3414



20.3548, 20.2332, 16.9749



17.3736, 20.2332, 19.0214



18.1494, 20.2332, 28.0018

Rectangle

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



21.2164, 20.2332, 25.3414



21.3861, 20.2332, 19.9178



17.3736, 20.2332, 19.0214



17.2259, 20.2332, 24.2876

Sweetspot

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



21.2170, 20.2341, 25.3418



41.0728, 41.9729, 47.6939



19.1390, 19.1383, 26.3526



9.1581, 9.3128, 10.6577



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.



21.2170, 20.2341, 25.3418



36.9864, 34.3636, 44.5947



20.6157, 19.9936, 22.1754



5.1987, 5.1149, 6.1346



12.4514, 6.0907, 15.4133



0.0871, 0.0422, 0.1256

Inverse Universe

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



21.2170, 20.2341, 25.3418



36.9864, 34.3636, 44.5947



20.6508, 23.4525, 24.9117



5.1987, 5.1149, 6.1346



12.4514, 6.0907, 15.4133



0.0871, 0.0422, 0.1256

Previews

White Background



This preview shows how the XYZ color 21.2164, 20.2332, 25.3414 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 21.2164, 20.2332, 25.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

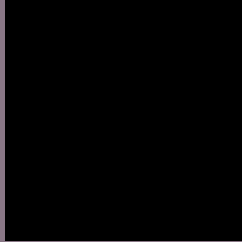
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.2164, 20.2332, 25.3414

Background



This preview shows how black text looks on a background with the XYZ color 21.2164, 20.2332, 25.3414.



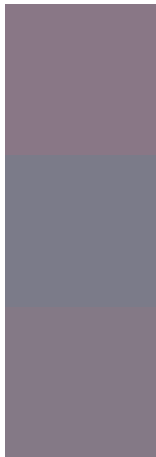
This preview shows how white text looks on a background with the XYZ color 21.2164, 20.2332,

25.3414.

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

21.2164, 20.2332, 25.3414

Protanopia

19.7667, 20.1830, 26.5208

Deuteranopia

20.6562, 20.3015, 25.3841



Tritanopia

20.8323, 20.2522, 23.5800

Trichromacy



Original Color

21.2164, 20.2332, 25.3414

Protanomaly

20.3056, 20.2858, 26.1379

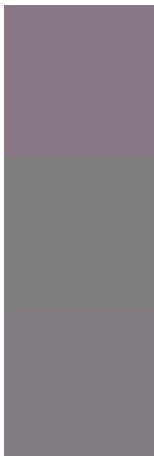
Deuteranomaly

20.8511, 20.2225, 25.3586

Tritanomaly

20.9665, 20.3059, 24.2871

Monochromacy



Original Color

21.2164, 20.2332, 25.3414

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.2513, 20.4967, 23.6578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2164, 20.2332, 25.3414 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(137, 119, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 119, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.2164, 20.2332, 25.3414 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, 134) }
```


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

```
.border{ border-color:rgb(137, 119, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 119, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 119, 134);  
box-shadow:4px 4px 4px 4px rgb(137, 119,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2164, 20.2332, 25.3414 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, 134) }
```

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

```
.background{ background-color: rgb(137,  
119, 134) }
```

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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