

Converting Colors

XYZ(20.5167, 21.8255, 25.1774)

Have a look what the booklet for
XYZ(20.5167, 21.8255, 25.1774)
contains.

XYZ(20.5413, 21.7539, 25.3066)	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(20.5413, 21.7539,
25.3066)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8185
RGB	125, 129, 133
RGB Percent	49%, 51%, 52%
CMY	0.5098, 0.4941, 0.4784
CMYK	0.06, 0.03, 0.00, 0.48
HSL	210°, 3%, 51%
HSV	210°, 6%, 52%
XYZ	20.5413, 21.7539, 25.3066
YIQ	128.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

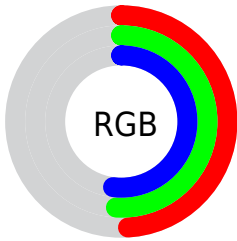
Format	Color
R_{YB}	125, 128, 133
Decimal	8225157
CIE Lab	53.76, -0.66, -2.68
CIE LCh	54, 2.762, 256.247
Yxy	21.7539, 0.3039, 0.3218
Android (android.graphics.Color)	4286415237 (0xFF7D8185)
YUV	128.2600, 2.3368, -2.8590
Hunter-Lab	46.6411, -3.0083, 0.4791

Details

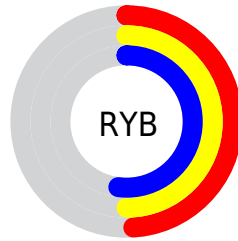
The XYZ color **20.5413, 21.7539, 25.3066** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2248, 22.1675, 22.5624**, and the grayscale version is **20.6016, 21.6745, 23.6035**.

A 20% lighter version of the original color is **43.9510, 46.4660, 53.1068**, and **7.4494, 7.9139, 9.5224** is the 20% darker color. If you saturate the color by 10%, you get **17.8812, 19.1254, 24.9398**, and if you desaturate by 10%, it is **23.5197, 24.6322, 25.7055**.

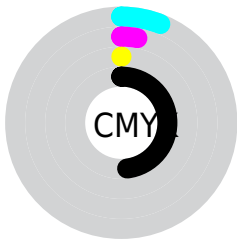
Distribution



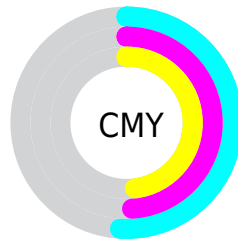
- Red (49%)
- Green (51%)
- Blue (52%)



- Red (49%)
- Yellow (50%)
- Blue (52%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5413, 21.7539, 25.3066 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 20.5413, 21.7539, 25.3066 by changing the saturation by 10% instead.

■ 20.5413, 21.7539,
25.3066

■ 20.5413, 21.7539,
25.3066

247.6087,
261.2584, 292.8578

■ 12.8997, 13.6762,
16.0845

■ 43.8199, 46.3389,
53.1245

■ 7.4360, 7.8958,
9.4290

■ 60.1876, 63.6150,
72.5573

■ 3.7850, 4.0283,
4.9214

■ 80.1947, 84.7260,
96.2309

■ 1.5812, 1.6894,
2.1433

104.2066,
110.0563, 124.5637

■ 0.3801, 0.4168,
0.6414

132.5886,
139.9903, 157.9742

■ 0.0000, 0.0000,
0.0000

165.7060,

174.9123, 196.8810

203.9243,
215.2069, 241.7027

■ 20.5413, 21.7539,
25.3066

■ 20.5413, 21.7539,
25.3066

■ 17.8812, 19.1254,
24.9398

■ 23.5197, 24.6322,
25.7055

■ 15.5260, 16.7365,
24.6028

■ 26.8252, 27.7647,
26.1359

■ 13.4645, 14.5803,
24.2953

■ 30.4686, 31.1590,
26.5991

■ 11.6838, 12.6484,
24.0162

■ 34.4597, 34.8216,
27.0957

■ 10.1698, 10.9319,
23.7647

■ 38.8078, 38.7588,
27.6265

■ 8.9074, 9.4213,
23.5397

■ 43.5219, 42.9766,
28.1921

■ 7.8797, 8.1057,
23.3399

■ 48.6107, 47.4808,
28.7933

■ 7.0673, 6.9735,
23.1642

■ 54.0824, 52.2772,
29.4307

■ 6.4395, 6.0066,
23.0106

■ 59.9453, 57.3711,
30.1049

Harmonies

Analogous

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



20.2850, 21.7539, 24.8844



20.5413, 21.7539, 25.3066



20.8362, 21.7539, 25.2874

Triad

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



20.5413, 21.7539, 25.3066



21.2282, 21.7539, 23.2328



20.2677, 21.7539, 22.5759

Complementary

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



20.5413, 21.7539, 25.3066



21.2248, 22.1675, 22.5624

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.



20.5175, 21.7539, 22.1543



20.5413, 21.7539, 25.3066



21.0729, 21.7539, 22.5273

Square

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



20.5413, 21.7539, 25.3066



21.2347, 21.7539, 24.0763



20.8121, 21.7539, 22.1367



20.1280, 21.7539, 23.3006

Rectangle

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



20.5413, 21.7539, 25.3066



21.0151, 21.7539, 25.0265



20.8121, 21.7539, 22.1367



20.3414, 21.7539, 22.3948

Sweetspot

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



20.5419, 21.7548, 25.3071



38.8337, 40.9495, 45.5957



20.7989, 22.7168, 24.0113



8.7658, 9.2419, 10.2746



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.



20.5419, 21.7548, 25.3071



36.2124, 38.3970, 45.2412



20.0419, 20.7547, 25.1404



4.7301, 5.0162, 5.9197



5.9263, 5.4004, 21.8667



0.0278, 0.0333, 0.0782

Inverse Universe

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



20.9694, 21.2391, 23.7643



37.1189, 37.3137, 41.9673



21.7442, 23.2062, 22.7355



4.8510, 4.8719, 5.4830



10.1694, 5.1321, 5.4646



0.0389, 0.0193, 0.0383

Previews

White Background



This preview shows how the XYZ color 20.5413, 21.7539, 25.3066 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 20.5413, 21.7539, 25.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

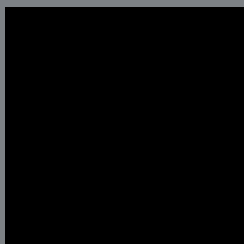
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

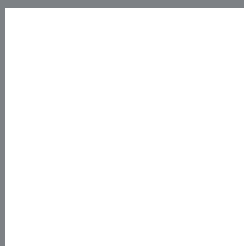
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5413, 21.7539, 25.3066

Background



This preview shows how black text looks on a background with the XYZ color 20.5413, 21.7539, 25.3066.



This preview shows how white text looks on a background with the XYZ color 20.5413, 21.7539,

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

20.5413, 21.7539, 25.3066

Protanopia

21.0900, 21.8501, 24.9357

Deuteranopia

22.1179, 21.7917, 25.5947



Tritanopia

20.9108, 21.7089, 27.1329

Trichromacy



Original Color

20.5413, 21.7539, 25.3066

Protanomaly

20.7861, 21.6935, 24.9215

Deuteranomaly

21.4368, 21.6295, 25.5993

Tritanomaly

20.7673, 21.6515, 26.3772

Monochromacy



Original Color

20.5413, 21.7539, 25.3066

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.5008, 21.5621, 24.2005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5413, 21.7539, 25.3066 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(125, 129, 133)` looks like.

```
.text, #text, p{  
    color:rgb(125, 129, 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(125, 129, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 129, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.5413, 21.7539, 25.3066 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(125, 129, 133) }
```


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

```
.border{ border-color:rgb(125, 129, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 129, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 129, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 129, 133);  
box-shadow:4px 4px 4px 4px rgb(125, 129,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5413, 21.7539, 25.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 129, 133) }
```

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

```
.background{ background-color: rgb(125,  
129, 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](#).

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