

Converting Colors

XYZ(21.2096, 25.6135, 19.9716)

Have a look what the booklet for
XYZ(21.2096, 25.6135, 19.9716)
contains.

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Color

**XYZ(21.2460, 25.6262,
20.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9173
RGB	122, 145, 115
RGB Percent	48%, 57%, 45%
CMY	0.5216, 0.4314, 0.5490
CMYK	0.16, 0.00, 0.21, 0.43
HSL	106°, 12%, 51%
HSV	106°, 21%, 57%
XYZ	21.2460, 25.6262, 20.0462
YIQ	134.7030, -4.0780, -14.2060

Conversions

Conversions Part 2

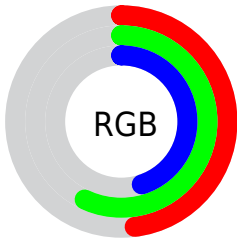
Format	Color
RYB	115, 145, 138
Decimal	8032627
CIELab	57.68, -14.14, 13.26
CIELCh	58, 19.385, 136.846
Yxy	25.6262, 0.3175, 0.3829
Android (android.graphics.Color)	4286222707 (0xFF7A9173)
YUV	134.7030, -9.7136, -11.1405
Hunter-Lab	50.6223, -13.6733, 11.9571

Details

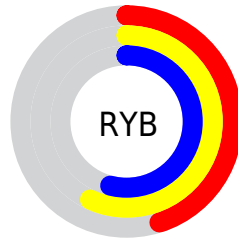
The XYZ color **21.2460, 25.6262, 20.0462** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.7238, 19.7097, 29.4488**, and the grayscale version is **22.9556, 24.1511, 26.3005**.

A 20% lighter version of the original color is **45.0777, 52.7508, 44.3653**, and **7.7635, 9.8271, 6.7978** is the 20% darker color. If you saturate the color by 10%, you get **18.9914, 24.5536, 15.9225**, and if you desaturate by 10%, it is **23.8133, 26.8463, 24.8709**.

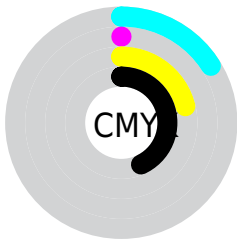
Distribution



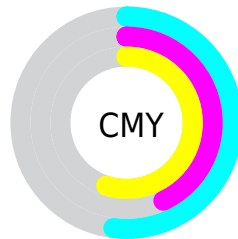
- Red (48%)
- Green (57%)
- Blue (45%)



- Red (45%)
- Yellow (57%)
- Blue (54%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)



- Cyan (52%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2460, 25.6262, 20.0462 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 21.2460, 25.6262, 20.0462 by changing the saturation by 10% instead.

■ 21.2460, 25.6262,
20.0462

■ 21.2460, 25.6262,
20.0462

251.2900,
280.9423, 264.7776

■ 13.4174, 16.5442,
12.2442

■ 44.9848, 52.6713,
44.3546

■ 7.7956, 9.9101,
6.7857

■ 61.6257, 71.4032,
61.6981

■ 4.0151, 5.3394,
3.2520

■ 81.9348, 94.1205,
83.0592

■ 1.7107, 2.4477,
1.2247

106.2774,
121.2076, 108.8565

■ 0.4630, 0.8503,
0.0000

135.0188,
153.0490, 139.5084

■ 0.0000, 0.0000,
0.0000

168.5245,

190.0290, 175.4335

207.1598,
232.5319, 217.0504

■ 21.2460, 25.6262,
20.0462

■ 21.2460, 25.6262,
20.0462

■ 18.9914, 24.5536,
15.9225

■ 23.8133, 26.8463,
24.8709

■ 17.0354, 23.6197,
12.4654

■ 26.7029, 28.2160,
30.4251

■ 15.3656, 22.8197,
9.6405

■ 29.9262, 29.7413,
36.7382

■ 13.9681, 22.1472,
7.4095

■ 33.4936, 31.4269,
43.8371

■ 12.8277, 21.5953,
5.7299

■ 37.4150, 33.2775,
51.7477

■ 11.9274, 21.1563,
4.5535

■ 41.7000, 35.2973,
60.4943

■ 11.2483, 20.8217,
3.8240

■ 46.3576, 37.4906,
70.1007

■ 10.7800, 20.5890,
3.4059

■ 51.3967, 39.8614,
80.5893

■ 56.8258, 42.4137,
91.9819

Harmonies

Analogous

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



23.0872, 25.6262, 17.3760



21.2460, 25.6262, 20.0462



20.2669, 25.6262, 25.0955

Triad

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



21.2460, 25.6262, 20.0462



23.3560, 25.6262, 42.2803



28.8798, 25.6262, 24.3622

Complementary

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



21.2460, 25.6262, 20.0462



21.7238, 19.7097, 29.4488

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.



28.9632, 25.6262, 30.9116



21.2460, 25.6262, 20.0462



25.6724, 25.6262, 42.0000

Square

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



21.2460, 25.6262, 20.0462



21.4320, 25.6262, 38.2966



27.7576, 25.6262, 37.5826



27.5366, 25.6262, 19.5831

Rectangle

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



21.2460, 25.6262, 20.0462



20.1916, 25.6262, 29.4529



27.7576, 25.6262, 37.5826



29.0590, 25.6262, 26.4076

Sweetspot

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



21.2467, 25.6273, 20.0468



44.9336, 49.1613, 48.9136



23.8611, 25.4356, 19.8720



9.9322, 10.9062, 10.7590



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.2467, 25.6273, 20.0468



36.0286, 44.9318, 32.1784



20.7716, 25.3268, 22.5333



5.4534, 6.0863, 5.7767



9.2662, 17.6695, 2.9222



0.1054, 0.1776, 0.0287

Inverse Universe

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



21.7238, 19.7097, 29.4488



37.0451, 32.2948, 52.2546



22.3241, 20.0880, 26.3687



5.5050, 5.4485, 6.7903



10.0484, 4.6737, 23.3496



0.1153, 0.0546, 0.2241

Previews

White Background



This preview shows how the XYZ color 21.2460, 25.6262, 20.0462 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 21.2460, 25.6262, 20.0462 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 21.2460, 25.6262, 20.0462

Background



This preview shows how black text looks on a background with the XYZ color 21.2460, 25.6262, 20.0462.



This preview shows how white text looks on a background with the XYZ color 21.2460, 25.6262,

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

21.2460, 25.6262, 20.0462

Protanopia

24.0457, 25.5499, 18.9935

Deuteranopia

25.8965, 25.4303, 20.3733



Tritanopia

23.8661, 25.5797, 32.9577

Trichromacy



Original Color

21.2460, 25.6262, 20.0462

Protanomaly

22.9867, 25.6453, 19.3613

Deuteranomaly

23.9521, 25.2633, 20.1369

Tritanomaly

22.8646, 25.6166, 27.7842

Monochromacy



Original Color

21.2460, 25.6262, 20.0462

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3348, 24.7696, 24.0259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2460, 25.6262, 20.0462 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(122, 145, 115)` looks like.

```
.text, #text, p{  
    color:rgb(122, 145, 115)  
}
```

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(122, 145, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 145, 115) }
```

Border

The CSS property to change the border of an element to XYZ 21.2460, 25.6262, 20.0462 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(122, 145, 115) }
```


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

```
.border{ border-color:rgb(122, 145, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 145, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 145, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 145, 115); box-shadow:4px 4px 4px 4px rgb(122, 145, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2460, 25.6262, 20.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 145, 115) }
```

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

```
.background{ background-color: rgb(122,  
145, 115) }
```

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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