

Converting Colors

XYZ(53.2432, 60.1172, 62.2237)

Have a look what the booklet for
XYZ(53.2432, 60.1172, 62.2237)
contains.

XYZ(53.2432, 60.1172, 62.2237)	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(53.2432, 60.1172,
62.2237)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD1C6
RGB	186, 209, 198
RGB Percent	73%, 82%, 78%
CMY	0.2706, 0.1804, 0.2235
CMYK	0.11, 0.00, 0.05, 0.18
HSL	151°, 20%, 77%
HSV	151°, 11%, 82%
XYZ	53.2432, 60.1172, 62.2237
YIQ	200.8690, -10.1770, -8.2970

Conversions

Conversions Part 2

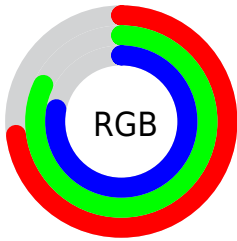
Format	Color
R _{YB}	186, 201, 209
Decimal	12243398
CIE Lab	81.90, -9.82, 2.83
CIE LCh	82, 10.217, 163.939
Yxy	60.1172, 0.3032, 0.3424
Android (android.graphics.Color)	4290433478 (0xFFBAD1C6)
YUV	200.8690, -1.4144, -13.0401
Hunter-Lab	77.5353, -13.1114, 6.6932

Details

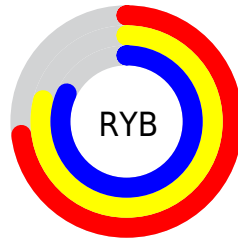
The XYZ color **53.2432, 60.1172, 62.2237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9336, 52.7059, 60.1567**, and the grayscale version is **55.4506, 58.3383, 63.5304**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.4283, 30.4429, 30.8687** is the 20% darker color. If you saturate the color by 10%, you get **47.4172, 57.2444, 56.1296**, and if you desaturate by 10%, it is **59.8914, 63.4084, 68.7562**.

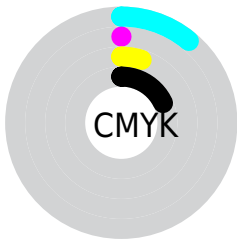
Distribution



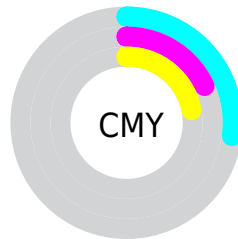
- Red (73%)
- Green (82%)
- Blue (78%)



- Red (73%)
- Yellow (79%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (27%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2432, 60.1172, 62.2237 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 53.2432, 60.1172, 62.2237 by changing the saturation by 10% instead.

■ 53.2432, 60.1172,
62.2237

■ 53.2432, 60.1172,
62.2237

389.4631,
425.0296, 450.7768

■ 38.2252, 43.5131,
44.7765

■ 94.1256, 104.9997,
109.6235

■ 26.3355, 30.2879,
30.9398

120.7206,
134.0468, 140.4132

■ 17.2088, 20.0572,
20.2949

151.9055,
168.0105, 176.4875

■ 10.4797, 12.4366,
12.4234

188.0454,
207.2750, 218.2649

■ 5.7829, 7.0418,
6.9067

229.5057,
252.2247, 266.1640

■ 2.7529, 3.4882,
3.3262

276.6519,

■ 1.0245, 1.3916,

303.2442, 320.6033

1.2635

329.8492,
360.7177, 382.0014

■ 0.0000, 0.2105,
0.0316

■ 0.0000, 0.0000,
0.0000

■ 53.2432, 60.1172,
62.2237

■ 53.2432, 60.1172,
62.2237

■ 47.4172, 57.2444,
56.1296

■ 59.8914, 63.4084,
68.7562

■ 42.3749, 54.7652,
50.4606

■ 67.3882, 67.1266,
75.7320

■ 38.0818, 52.6638,
45.2087

■ 75.7653, 71.2894,
83.1609

■ 34.4991, 50.9204,
40.3638

■ 79.4728, 73.0356,
90.7902

■ 31.5844, 49.5132,
35.9157

■ 80.9830, 73.6397,
98.7426

■ 29.2902, 48.4181,
31.8536

■ 82.0916, 74.0831,
104.5805

■ 27.5626, 47.6073,
28.1658

■ 26.3376, 47.0481,
24.8400

■ 25.5636, 46.7080,
22.1453

Harmonies

Analogous

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



54.3077, 60.1172, 57.2658



53.2432, 60.1172, 62.2237



53.2053, 60.1172, 68.3628

Triad

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



53.2432, 60.1172, 62.2237



58.1453, 60.1172, 77.6850



60.1806, 60.1172, 57.5509

Complementary

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



53.2432, 60.1172, 62.2237



53.9336, 52.7059, 60.1567

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.



61.2632, 60.1172, 62.6355



53.2432, 60.1172, 62.2237



60.0683, 60.1172, 74.3952

Square

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



53.2432, 60.1172, 62.2237



55.9990, 60.1172, 77.5574



61.2216, 60.1172, 68.8013



58.2955, 60.1172, 54.6863

Rectangle

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



53.2432, 60.1172, 62.2237



53.7650, 60.1172, 72.3207



61.2216, 60.1172, 68.8013



60.6526, 60.1172, 59.0427

Sweetspot

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



53.2449, 60.1197, 62.2250



91.7077, 98.3444, 105.6976



54.7220, 61.0349, 55.3520



19.4425, 20.9573, 22.4428



0.0000, 0.0000, 0.0000



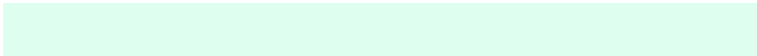
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2449, 60.1197, 62.2250



81.4395, 93.2664, 95.4824



54.4669, 60.4582, 69.1234



11.9102, 13.3078, 13.8834



15.8112, 28.8174, 13.9176



0.9240, 1.6273, 0.9888

Inverse Universe

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



53.9336, 52.7059, 60.1567



82.7110, 79.5787, 91.6639



52.7990, 52.3814, 53.7831



12.0409, 11.9011, 13.4909



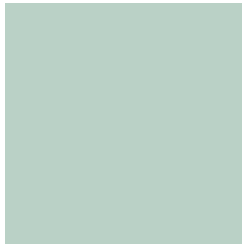
17.6790, 8.9444, 8.4817



1.0285, 0.5161, 0.6848

Previews

White Background



This preview shows how the XYZ color 53.2432, 60.1172, 62.2237 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 53.2432, 60.1172, 62.2237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

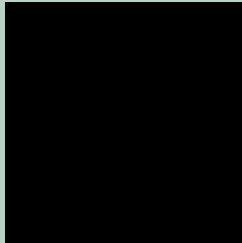
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

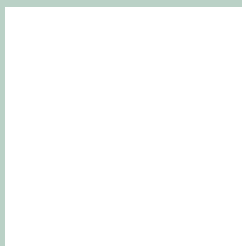
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2432, 60.1172, 62.2237

Background



This preview shows how black text looks on a background with the XYZ color 53.2432, 60.1172, 62.2237.

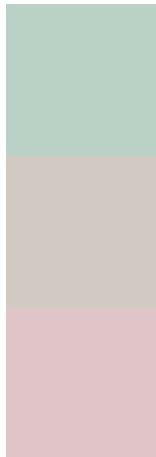


This preview shows how white text looks on a background with the XYZ color 53.2432, 60.1172,

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

53.2432, 60.1172, 62.2237

Protanopia

57.1526, 59.6914, 59.5483

Deuteranopia

61.1320, 59.9499, 62.9931



Tritanopia

56.2513, 59.8837, 77.7012

Trichromacy



Original Color

53.2432, 60.1172, 62.2237

Protanomaly

55.7690, 60.0203, 60.2755

Deuteranomaly

57.7738, 59.5984, 62.4915

Tritanomaly

55.0678, 59.7655, 71.5843

Monochromacy



Original Color

53.2432, 60.1172, 62.2237

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7831, 59.0916, 63.1620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2432, 60.1172, 62.2237 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(186, 209, 198)` looks like.

```
.text, #text, p{  
    color:rgb(186, 209, 198)  
}
```

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(186, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 209, 198) }
```

Border

The CSS property to change the border of an element to XYZ 53.2432, 60.1172, 62.2237 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(186, 209, 198) }
```


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

```
.border{ border-color:rgb(186, 209, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(186, 209,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2432, 60.1172, 62.2237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 209, 198) }
```

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

```
.background{ background-color: rgb(186,  
209, 198) }
```

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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