

Converting Colors

XYZ(49.7362, 52.6899, 64.6755)

Have a look what the booklet for
XYZ(49.7362, 52.6899, 64.6755)
contains.

XYZ(49.7362, 52.6899, 64.6755)	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(49.7362, 52.6899,
64.6755)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C1CC
RGB	184, 193, 204
RGB Percent	72%, 76%, 80%
CMY	0.2784, 0.2431, 0.2000
CMYK	0.10, 0.05, 0.00, 0.20
HSL	213°, 16%, 76%
HSV	213°, 10%, 80%
XYZ	49.7362, 52.6899, 64.6755
YIQ	191.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

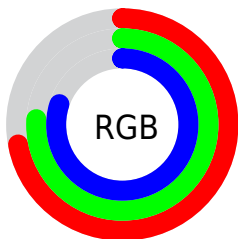
Format	Color
R_{YB}	184, 190, 204
Decimal	12108236
CIE Lab	77.69, -0.93, -6.58
CIE LCh	78, 6.649, 261.989
Yxy	52.6899, 0.2976, 0.3153
Android (android.graphics.Color)	4290298316 (0xFFB8C1CC)
YUV	191.5630, 6.1314, -6.6328
Hunter-Lab	72.5878, -4.7228, -2.0157

Details

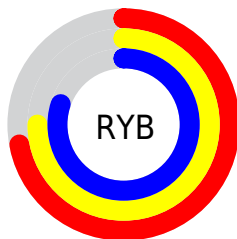
The XYZ color **49.7362, 52.6899, 64.6755** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0689, 55.3279, 53.2307**, and the grayscale version is **49.8187, 52.4131, 57.0779**.

A 20% lighter version of the original color is **87.8609, 93.4966, 108.0236**, and **24.2432, 25.7835, 32.5531** is the 20% darker color. If you saturate the color by 10%, you get **42.8114, 45.5787, 63.6687**, and if you desaturate by 10%, it is **57.5569, 60.5450, 65.7803**.

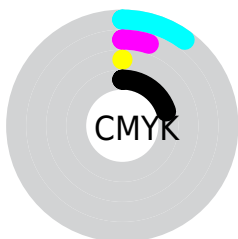
Distribution



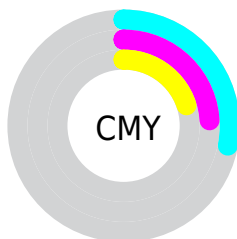
- Red (72%)
- Green (76%)
- Blue (80%)



- Red (72%)
- Yellow (75%)
- Blue (80%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7362, 52.6899, 64.6755 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 49.7362, 52.6899, 64.6755 by changing the saturation by 10% instead.

■ 49.7362, 52.6899,
64.6755

■ 49.7362, 52.6899,
64.6755

376.1025,
397.0943, 459.8992

■ 35.4208, 37.5553,
46.7483

■ 88.9781, 94.1479,
113.1920

■ 24.1552, 25.6377,
32.4838

114.6352,
121.2401, 144.6184

■ 15.5742, 16.5528,
21.4634

144.8036,
153.0869, 181.3817

■ 9.3123, 9.9162,
13.2687

179.8487,
190.0727, 223.9003

■ 5.0041, 5.3434,
7.4809

220.1358,
232.5820, 272.5928

■ 2.2845, 2.4501,
3.6817

266.0302,

■ 0.7867, 0.8515,

280.9991, 327.8777

1.4524

317.8973,
335.7083, 390.1737

■ 0.0000, 0.0000,
0.1821

■ 0.0000, 0.0000,
0.0000

■ 49.7362, 52.6899,
64.6755

■ 49.7362, 52.6899,
64.6755

■ 42.8114, 45.5787,
63.6687

■ 57.5569, 60.5450,
65.7803

■ 36.7437, 39.1810,
62.7536

■ 66.3012, 69.1600,
66.9823

■ 31.4981, 33.4738,
61.9285

■ 76.0010, 78.5586,
68.2852

■ 27.0355, 28.4304,
61.1902

■ 82.6768, 86.6948,
69.5038

■ 23.3131, 24.0218,
60.5355

■ 86.0428, 93.4268,
70.6258

■ 20.2836, 20.2165,
59.9606

■ 87.8992, 97.1397,
71.2446

■ 17.8938, 16.9794,
59.4618

■ 16.0812, 14.2707,
59.0345

■ 14.7357, 12.0252,
58.6720

Harmonies

Analogous

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



48.5722, 52.6899, 63.1351



49.7362, 52.6899, 64.6755



51.0121, 52.6899, 64.1934

Triad

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



49.7362, 52.6899, 64.6755



52.4091, 52.6899, 54.7584



48.1564, 52.6899, 53.1173

Complementary

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



49.7362, 52.6899, 64.6755



53.0689, 55.3279, 53.2307

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.



49.1597, 52.6899, 51.0488



49.7362, 52.6899, 64.6755



51.6190, 52.6899, 51.9676

Square

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



49.7362, 52.6899, 64.6755



52.5699, 52.6899, 58.3634



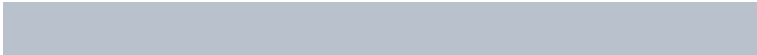
50.4257, 52.6899, 50.6371



47.6703, 52.6899, 56.3886

Rectangle

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



49.7362, 52.6899, 64.6755



51.7533, 52.6899, 62.7988



50.4257, 52.6899, 50.6371



48.4435, 52.6899, 52.2641

Sweetspot

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



49.7377, 52.6921, 64.6767



90.9641, 95.9233, 108.3285



51.1736, 57.3020, 59.7965



19.2414, 20.3025, 23.1546



0.0000, 0.0000, 0.0000



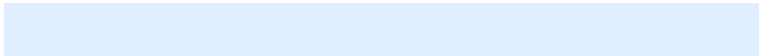
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7377, 52.6921, 64.6767



79.5399, 84.3820, 106.7029



47.9677, 48.9145, 64.0408



11.0106, 11.6617, 14.2410



9.3498, 7.7236, 36.9543



0.5577, 0.5493, 1.9316

Inverse Universe

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



51.6692, 50.9697, 57.5695



83.4615, 80.9699, 92.2532



54.9649, 59.3906, 53.9149



11.4187, 11.2962, 12.7396



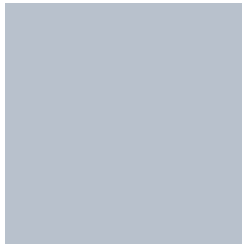
16.9303, 8.5827, 7.3514



0.9115, 0.4580, 0.5797

Previews

White Background



This preview shows how the XYZ color 49.7362, 52.6899, 64.6755 looks on a white background.

Color Contrast Check

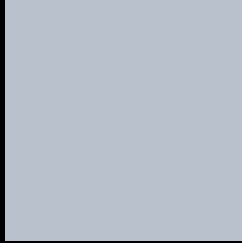
Large Text (above 18pt) WCAG AA × Fail

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 49.7362, 52.6899, 64.6755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

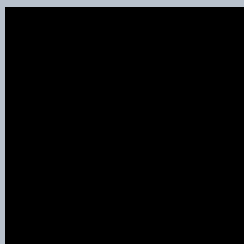
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

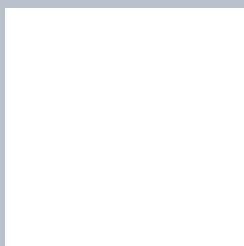
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.7362, 52.6899, 64.6755

Background



This preview shows how black text looks on a background with the XYZ color 49.7362, 52.6899, 64.6755.



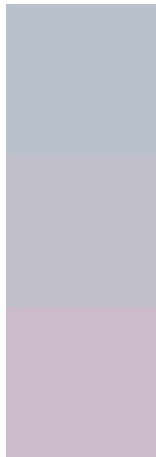
This preview shows how white text looks on a background with the XYZ color 49.7362, 52.6899,

64.6755.

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

49.7362, 52.6899, 64.6755

Protanopia

51.1485, 52.7799, 63.9916

Deuteranopia

53.4802, 52.3630, 65.0460



Tritanopia

50.2424, 52.5676, 67.1730

Trichromacy



Original Color

49.7362, 52.6899, 64.6755

Protanomaly

50.6154, 52.8299, 64.0294

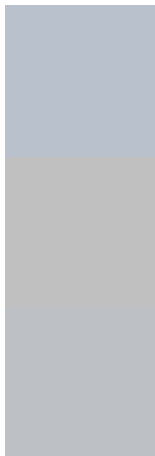
Deuteranomaly

52.2430, 52.6733, 65.1711

Tritanomaly

50.1197, 52.5186, 66.5270

Monochromacy



Original Color

49.7362, 52.6899, 64.6755

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.7997, 52.5036, 59.7340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7362, 52.6899, 64.6755 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(184, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(184, 193, 204)  
}
```

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(184, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 193, 204) }
```

Border

The CSS property to change the border of an element to XYZ 49.7362, 52.6899, 64.6755 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(184, 193, 204) }
```


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

```
.border{ border-color:rgb(184, 193, 204) }
```

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

Here you see how a box with a 4 pixel rgb(184, 193, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(184, 193,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7362, 52.6899, 64.6755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 193, 204) }
```

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

```
.background{ background-color: rgb(184,  
193, 204) }
```

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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