

Converting Colors

XYZ(29.8044, 29.2004, 50.2722)

Have a look what the booklet for
XYZ(29.8044, 29.2004, 50.2722)
contains.

XYZ(29.8207, 29.1544, 50.5100)	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(29.8207, 29.1544,
50.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	8D90BA
RGB	141, 144, 186
RGB Percent	55%, 56%, 73%
CMY	0.4470, 0.4353, 0.2706
CMYK	0.24, 0.23, 0.00, 0.27
HSL	236°, 25%, 64%
HSV	236°, 24%, 73%
XYZ	29.8207, 29.1544, 50.5100
YIQ	147.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

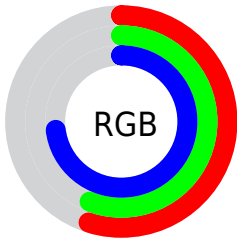
Format	Color
R_{YB}	141, 144, 186
Decimal	9277626
CIE _{Lab}	60.92, 8.21, -22.21
CIE _{LCh}	61, 23.676, 290.293
Yxy	29.1544, 0.2724, 0.2663
Android (android.graphics.Color)	4287467706 (0xFF8D90BA)
YUV	147.8910, 18.7877, -6.0434
Hunter-Lab	53.9948, 4.0925, -17.6671

Details

The XYZ color **29.8207, 29.1544, 50.5100** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.9913, 46.2294, 31.9102**, and the grayscale version is **28.0324, 29.4923, 32.1171**.

A 20% lighter version of the original color is **58.7268, 58.4011, 92.1817**, and **12.4528, 11.8725, 23.8256** is the 20% darker color. If you saturate the color by 10%, you get **24.4895, 22.7990, 49.5648**, and if you desaturate by 10%, it is **36.0892, 36.5946, 51.6162**.

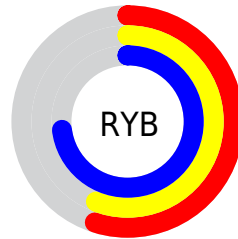
Distribution



Red (55%)

Green (56%)

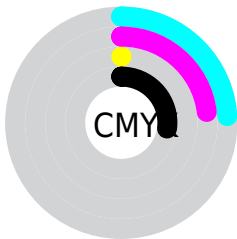
Blue (73%)



Red (55%)

Yellow (56%)

Blue (73%)

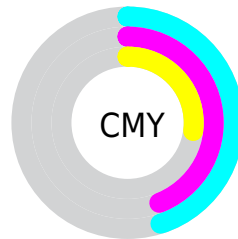


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8207, 29.1544, 50.5100 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 29.8207, 29.1544, 50.5100 by changing the saturation by 10% instead.

■ 29.8207, 29.1544,
50.5100

■ 29.8207, 29.1544,
50.5100

292.9926,
297.9428, 405.4491

■ 19.8499, 19.1977,
35.4448

■ 58.7671, 58.3223,
92.3341

■ 12.3936, 11.8132,
23.7194

■ 78.4734, 78.3023,
119.9301

■ 7.0865, 6.6166,
14.9153

■ 102.1556,
102.3921, 152.5401

■ 3.5630, 3.2235,
8.6140

130.1791,
130.9761, 190.5827

■ 1.4580, 1.2495,
4.3969

162.9092,
164.4388, 234.4763

■ 0.2970, 0.1016,
1.8455

200.7112,

■ 0.0000, 0.0000,

203.1646, 284.6395

0.4577

243.9506,
247.5378, 341.4910

■ 0.0000, 0.0000,
0.0000

■ 29.8207, 29.1544,
50.5100

■ 29.8207, 29.1544,
50.5100

■ 24.4895, 22.7990,
49.5648

■ 36.0892, 36.5946,
51.6162

■ 20.0479, 17.4743,
48.7711

■ 43.3342, 45.1633,
52.8883

■ 16.4483, 13.1271,
48.1217

■ 51.5958, 54.9059,
54.3334

■ 13.6372, 9.6977,
47.6079

■ 60.9114, 65.8645,
55.9576

■ 11.5553, 7.1201,
47.2201

■ 71.3161, 78.0790,
57.7669

■ 10.1347, 5.3194,
46.9474

■ 82.8437, 91.5876,
59.7667

■ 9.2947, 4.2075,
46.7771

■ 85.8630, 96.3252,
60.5220

■ 8.9994, 3.8180,
46.7175

Harmonies

Analogous

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



26.7214, 29.1544, 51.6246



29.8207, 29.1544, 50.5100



32.5330, 29.1544, 43.8920

Triad

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



29.8207, 29.1544, 50.5100



31.6787, 29.1544, 20.3786



22.2611, 29.1544, 28.9629

Complementary

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



29.8207, 29.1544, 50.5100



41.9913, 46.2294, 31.9102

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.



23.3896, 29.1544, 22.0741



29.8207, 29.1544, 50.5100



28.7235, 29.1544, 17.7618

Square

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



29.8207, 29.1544, 50.5100



33.6597, 29.1544, 26.2052



25.7021, 29.1544, 18.3188



22.5069, 29.1544, 38.0134

Rectangle

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



29.8207, 29.1544, 50.5100



33.6834, 29.1544, 37.8295



25.7021, 29.1544, 18.3188



22.4889, 29.1544, 26.3492

Sweetspot

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



29.8216, 29.1556, 50.5107



74.5188, 77.1037, 95.1563



37.0135, 44.1689, 50.9667



16.2317, 16.7684, 20.9237



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.8216, 29.1556, 50.5107



48.7367, 46.5151, 90.6110



32.8359, 30.0437, 50.5232



8.5679, 8.8131, 11.3290



6.0753, 2.6103, 31.4367



0.2305, 0.1247, 1.1137

Inverse Universe

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



34.8094, 31.5034, 30.6329



59.3600, 51.5873, 48.2578



38.3565, 45.2842, 31.9193



9.0283, 9.0217, 9.4962



13.6802, 7.0458, 0.9369



0.4905, 0.2517, 0.0764

Previews

White Background



This preview shows how the XYZ color 29.8207, 29.1544, 50.5100 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 29.8207, 29.1544, 50.5100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

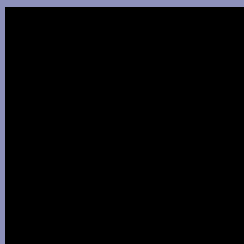
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8207, 29.1544, 50.5100

Background



This preview shows how black text looks on a background with the XYZ color 29.8207, 29.1544, 50.5100.



This preview shows how white text looks on a background with the XYZ color 29.8207, 29.1544,

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

29.8207, 29.1544, 50.5100

Protanopia

29.2484, 29.0729, 51.0838

Deuteranopia

29.8207, 29.1544, 50.5100



Tritanopia

27.2460, 29.2672, 37.4708

Trichromacy



Original Color

29.8207, 29.1544, 50.5100

Protanomaly

29.5763, 29.2419, 51.0991

Deuteranomaly

29.8207, 29.1544, 50.5100

Tritanomaly

28.0764, 29.1353, 41.6800

Monochromacy



Original Color

29.8207, 29.1544, 50.5100

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6324, 29.4958, 38.3666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8207, 29.1544, 50.5100 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(141, 144, 186)` looks like.

```
.text, #text, p{  
    color:rgb(141, 144, 186)  
}
```

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(141, 144, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 144, 186) }
```

Border

The CSS property to change the border of an element to XYZ 29.8207, 29.1544, 50.5100 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(141, 144, 186) }
```


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

```
.border{ border-color:rgb(141, 144, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 144, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 144, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 144, 186);  
box-shadow:4px 4px 4px 4px rgb(141, 144,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8207, 29.1544, 50.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 144, 186) }
```

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

```
.background{ background-color: rgb(141,  
144, 186) }
```

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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