

Converting Colors

XYZ(20.6053, 20.0462, 27.5945)

Have a look what the booklet for
XYZ(20.6053, 20.0462, 27.5945)
contains.

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Color

**XYZ(20.6560, 20.0722,
27.5966)**

Conversions

Conversions Part 1

Format	Color
Hex	82788C
RGB	130, 120, 140
RGB Percent	51%, 47%, 55%
CMY	0.4902, 0.5294, 0.4510
CMYK	0.07, 0.14, 0.00, 0.45
HSL	270°, 8%, 51%
HSV	270°, 14%, 55%
XYZ	20.6560, 20.0722, 27.5966
YIQ	125.2700, -0.4600, 8.3400

Conversions

Conversions Part 2

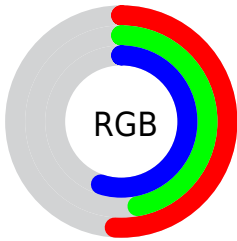
Format	Color
R_{YB}	130, 120, 140
Decimal	8550540
CIE Lab	51.92, 7.86, -9.47
CIE LCh	52, 12.304, 309.693
Yxy	20.0722, 0.3023, 0.2938
Android (android.graphics.Color)	4286740620 (0xFF82788C)
YUV	125.2700, 7.2619, 4.1482
Hunter-Lab	44.8020, 3.8940, -5.1593

Details

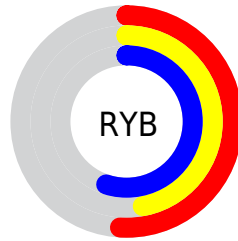
The XYZ color **20.6560, 20.0722, 27.5966** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.9749, 24.8586, 21.4103**, and the grayscale version is **19.5608, 20.5795, 22.4111**.

A 20% lighter version of the original color is **44.0186, 43.4674, 57.1089**, and **7.5562, 7.1222, 10.6493** is the 20% darker color. If you saturate the color by 10%, you get **18.0565, 16.4131, 27.0276**, and if you desaturate by 10%, it is **23.5760, 24.2630, 28.2519**.

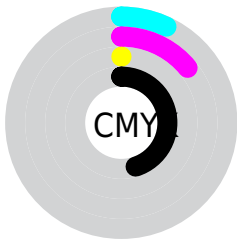
Distribution



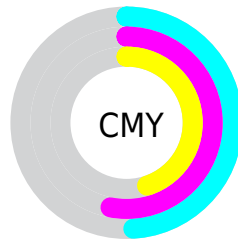
- Red (51%)
- Green (47%)
- Blue (55%)



- Red (51%)
- Yellow (47%)
- Blue (55%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6560, 20.0722, 27.5966 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 20.6560, 20.0722, 27.5966 by changing the saturation by 10% instead.

■ 20.6560, 20.0722,
27.5966

■ 20.6560, 20.0722,
27.5966

248.2111,
252.3057, 304.3853

■ 12.9838, 12.4475,
17.7854

■ 44.0099, 43.5382,
56.8551

■ 7.4943, 7.0492,
10.6282

■ 60.4224, 60.1483,
77.1394

■ 3.8222, 3.4929,
5.7064

■ 80.4789, 80.5224,
101.7519

■ 1.6020, 1.3942,
2.6015

104.5450,
105.0448, 131.1111

■ 0.3937, 0.2124,
0.8932

132.9859,
134.0999, 165.6355

■ 0.0000, 0.0000,
0.0000

166.1669,

168.0722, 205.7436

204.4536,
207.3460, 251.8540

■ 20.6560, 20.0722,
27.5966

■ 20.6560, 20.0722,
27.5966

■ 18.0565, 16.4131,
27.0276

■ 23.5760, 24.2630,
28.2519

■ 15.7635, 13.2612,
26.5401

■ 26.8261, 29.0038,
28.9957

■ 13.7648, 10.5938,
26.1306

■ 30.4177, 34.3149,
29.8315

■ 12.0465, 8.3853,
25.7949

■ 34.3610, 40.2149,
30.7625

■ 10.5935, 6.6077,
25.5283

■ 38.6659, 46.7217,
31.7916

■ 9.3889, 5.2299,
25.3259

■ 43.3418, 53.8521,
32.9214

■ 8.4137, 4.2166,
25.1817

■ 48.3978, 61.6226,
34.1548

■ 7.6443, 3.5229,
25.0884

■ 53.8426, 70.0487,
35.4942

■ 7.2591, 3.1953,
25.0454

■ 59.6847, 79.1457,
36.9422

Harmonies

Analogous

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



19.4859, 20.0722, 29.3739



20.6560, 20.0722, 27.5966



21.4242, 20.0722, 24.3344

Triad

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



20.6560, 20.0722, 27.5966



19.9251, 20.0722, 16.0099



16.8037, 20.0722, 23.0358

Complementary

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



20.6560, 20.0722, 27.5966



21.9749, 24.8586, 21.4103

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.



16.9097, 20.0722, 19.5504



20.6560, 20.0722, 27.5966



18.6759, 20.0722, 15.7433

Square

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



20.6560, 20.0722, 27.5966



20.9896, 20.0722, 17.7439



17.5825, 20.0722, 16.9711



17.2862, 20.0722, 26.5571

Rectangle

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



20.6560, 20.0722, 27.5966



21.5861, 20.0722, 21.8922



17.5825, 20.0722, 16.9711



16.7722, 20.0722, 21.8183

Sweetspot

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



20.6566, 20.0731, 27.5970



41.6739, 42.9337, 49.8336



20.5071, 21.9414, 27.9655



9.5167, 9.7686, 11.4634



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.6566, 20.0731, 27.5970



34.9499, 33.3079, 48.3300



22.2098, 20.8738, 27.6697



4.9973, 5.0070, 6.3089



6.4727, 2.8509, 22.2548



0.0599, 0.0276, 0.1486

Inverse Universe

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



21.5617, 20.6210, 23.9639



36.8695, 34.4700, 40.6243



20.5610, 24.1297, 21.3441



5.1303, 5.0876, 5.7748



10.6022, 5.3510, 5.6757



0.0778, 0.0385, 0.0766

Previews

White Background



This preview shows how the XYZ color 20.6560, 20.0722, 27.5966 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 20.6560, 20.0722, 27.5966 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 20.6560, 20.0722, 27.5966

Background



This preview shows how black text looks on a background with the XYZ color 20.6560, 20.0722, 27.5966.



This preview shows how white text looks on a background with the XYZ color 20.6560, 20.0722,

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

20.6560, 20.0722, 27.5966

Protanopia

19.8506, 20.1839, 28.4408

Deuteranopia

20.4731, 20.1574, 27.6227



Tritanopia

20.1095, 20.2249, 24.3166

Trichromacy



Original Color

20.6560, 20.0722, 27.5966

Protanomaly

20.0794, 20.1272, 28.0259

Deuteranomaly

20.6243, 20.2353, 27.6297

Tritanomaly

20.1937, 20.0631, 25.3625

Monochromacy



Original Color

20.6560, 20.0722, 27.5966

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8646, 20.2896, 23.9884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6560, 20.0722, 27.5966 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(130, 120, 140)` looks like.

```
.text, #text, p{  
    color:rgb(130, 120, 140)  
}
```

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(130, 120, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 120, 140) }
```

Border

The CSS property to change the border of an element to XYZ 20.6560, 20.0722, 27.5966 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(130, 120, 140) }
```


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

```
.border{ border-color:rgb(130, 120, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 120, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 120, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 120, 140);  
box-shadow:4px 4px 4px 4px rgb(130, 120,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6560, 20.0722, 27.5966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 120, 140) }
```

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

```
.background{ background-color: rgb(130,  
120, 140) }
```

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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